

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-2202-TILLEYFARMRD

Sample Date : 08/12/2004

Lab Sample ID: N74914-13

Lab Report Batch : N74914

Analysis Type: RE

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B				Dilution: 1.00																	
Aluminum	200		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-2202-TILLEYFARMRD

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-13

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B				Dilution: 1.00																	
Antimony	5		ug/L	U	YES																
Arsenic	5		ug/L	U	YES																
Barium	12.6		ug/L	B	YES	J								J							12
Cadmium	4		ug/L	U	YES																
Calcium	6900		ug/L		YES																
Chromium	10		ug/L	U	YES																
Cobalt	50		ug/L	U	YES																
Copper	62.4		ug/L		YES																
Iron	199		ug/L		YES																
Lead	4.4		ug/L		YES																
Magnesium	1770		ug/L	B	YES	J								J							12
Manganese	15		ug/L	U	YES																
Nickel	40		ug/L	U	YES																
Potassium	5000		ug/L	U	YES																
Selenium	5		ug/L	U	YES																
Silver	10		ug/L	U	YES																
Sodium	8800		ug/L		YES																
Vanadium	50		ug/L	U	YES																
Zinc	30.5		ug/L		YES																
Analysis Method : 6020				Dilution: 2.00																	
Beryllium	2		ug/L	U	YES																
Thallium	1		ug/L	U	YES																
Analysis Method : 7470A				Dilution: 1.00																	
Mercury	0.2		ug/L	U	YES																
Analysis Method : 8081A				Dilution: 1.00																	
4,4'-DDD	0.022		ug/L	U	YES																
4,4'-DDE	0.022		ug/L	U	YES																
4,4'-DDT	0.022		ug/L	U	YES																
Aldrin	0.022		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

ADR 6.1

Report Date: 9/29/2004 08:45

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-2202-TILLEYFARMRD

Lab Report Batch : N74914

Lab ID : ACTD

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Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-13

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Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8081A					Dilution: 1.00																
alpha-BHC	0.022		ug/L	U	YES																
alpha-Chlordane	0.088		ug/L		YES																
beta-BHC	0.022		ug/L	U	YES																
delta-BHC	0.022		ug/L	U	YES																
Dieldrin	0.022		ug/L	U	YES																
Endosulfan I	0.022		ug/L	U	YES																
Endosulfan II	0.022		ug/L	U	YES																
Endosulfan sulfate	0.022		ug/L	U	YES																
Endrin	0.022		ug/L	U	YES																
Endrin aldehyde	0.022		ug/L	U	YES																
Endrin ketone	0.056		ug/L	U	YES																
gamma-BHC	0.022		ug/L	U	YES																
gamma-Chlordane	0.13		ug/L		YES																
Heptachlor	0.022		ug/L	U	YES																
Heptachlor epoxide	0.48		ug/L		YES																
Methoxychlor	0.056		ug/L	U	YES																
Toxaphene	0.28		ug/L	U	YES																
Analysis Method : 8082					Dilution: 1.00																
Aroclor 1016	0.56		ug/L	U	YES																
Aroclor 1221	0.56		ug/L	U	YES																
Aroclor 1232	0.56		ug/L	U	YES																
Aroclor 1242	0.56		ug/L	U	YES																
Aroclor 1248	0.56		ug/L	U	YES																
Aroclor 1254	0.56		ug/L	U	YES																
Aroclor 1260	0.56		ug/L	U	YES																
Aroclor 1262	0.56		ug/L	U	YES																
Aroclor 1268	0.56		ug/L	U	YES																
Analysis Method : 8151A					Dilution: 1.00																
2,4,5-T	0.22		ug/L	U	YES																

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Client Sample ID : RW0804-2202-TILLEYFARMRD

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Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8151A				Dilution: 1.00																	
2,4,5-TP (Silvex)	0.17		ug/L	U	YES																
2,4-D	0.56		ug/L	U	YES																
Pentachlorophenol	0.17		ug/L	U	YES																
Analysis Method : 8260B				Dilution: 1.00																	
1,1,1-Trichloroethane	1		ug/L	U	YES																
1,1,2,2-Tetrachloroethane	1		ug/L	U	YES																
1,1,2-Trichloroethane	1		ug/L	U	YES																
1,1-Dichloroethane	1		ug/L	U	YES																
1,1-Dichloroethene	1		ug/L	U	YES																
1,2,3-Trichlorobenzene	5		ug/L	U	YES																
1,2,4-Trichlorobenzene	5		ug/L	U	YES																
1,2-Dibromo-3-chloropropane	10		ug/L	U	YES																
1,2-Dibromoethane	2		ug/L	U	YES																
1,2-Dichlorobenzene	1		ug/L	U	YES																
1,2-Dichloroethane	1		ug/L	U	YES																
1,2-Dichloropropane	1		ug/L	U	YES																
1,3-Dichlorobenzene	1		ug/L	U	YES																
1,4-Dichlorobenzene	1		ug/L	U	YES																
2-Butanone	10		ug/L	U	YES																
2-Hexanone	5		ug/L	U	YES																
4-METHYL-2-PENTANONE	5		ug/L	U	YES																
Acetone	10		ug/L	U	YES																
Benzene	1		ug/L	U	YES																
Bromochloromethane	5		ug/L	U	YES																
Bromodichloromethane	1		ug/L	U	YES																
Bromoform	4		ug/L	U	YES																
Bromomethane	2		ug/L	U	YES																
Carbon disulfide	2		ug/L	U	YES																
Carbon tetrachloride	1		ug/L	U	YES																

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Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8260B						Dilution: 1.00															
Chlorobenzene	1		ug/L	U	YES																
Chloroethane	1		ug/L	U	YES																
Chloroform	1		ug/L	U	YES																
Chloromethane	1		ug/L	U	YES																
cis-1,2-Dichloroethene	1		ug/L	U	YES																
cis-1,3-Dichloropropene	1		ug/L	U	YES																
Cyclohexane	5		ug/L	U	YES																
Dibromochloromethane	1		ug/L	U	YES																
Dichlorodifluoromethane	5		ug/L	U	YES																
Ethylbenzene	1		ug/L	U	YES																
Freon 113	5		ug/L	U	YES																
Isopropylbenzene	2		ug/L	U	YES																
M,P-XYLENE	1		ug/L	U	YES																
Methyl Acetate	5		ug/L	U	YES																
Methyl tert-butyl ether	1		ug/L	U	YES																
Methylcyclohexane	5		ug/L	U	YES																
Methylene chloride	2		ug/L	U	YES																
o-Xylene	1		ug/L	U	YES																
Styrene	5		ug/L	U	YES																
Tetrachloroethene	1		ug/L	U	YES																
Toluene	1		ug/L	U	YES																
Total Xylenes	1		ug/L	U	YES																
trans-1,2-Dichloroethene	1		ug/L	U	YES																
trans-1,3-Dichloropropene	1		ug/L	U	YES																
Trichloroethene	1		ug/L	U	YES																
Trichlorofluoromethane	5		ug/L	U	YES																
Vinyl chloride	1		ug/L	U	YES																
Analysis Method : 8270C						Dilution: 1.00															
1,2,4,5-Tetrachlorobenzene	5.3		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

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Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-2202-TILLEYFARMRD

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-13

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8270C						Dilution: 1.00															
1,4-Dioxane	2.1		ug/L	U	YES																
2,3,4,6-Tetrachlorophenol	5.3		ug/L	U	YES																
2,4,5-Trichlorophenol	5.3		ug/L	U	YES																
2,4,6-Trichlorophenol	5.3		ug/L	U	YES																
2,4-Dichlorophenol	5.3		ug/L	U	YES																
2,4-Dimethylphenol	5.3		ug/L	U	YES																
2,4-Dinitrophenol	21		ug/L	U	YES																
2,4-Dinitrotoluene	2.1		ug/L	U	YES																
2,6-Dinitrotoluene	2.1		ug/L	U	YES																
2-Chloronaphthalene	5.3		ug/L	U	YES																
2-Chlorophenol	5.3		ug/L	U	YES																
2-Methyl-4,6-dinitrophenol	21		ug/L	U	YES																
2-Methylnaphthalene	2.1		ug/L	U	YES																
2-Methylphenol	5.3		ug/L	U	YES																
2-Nitroaniline	5.3		ug/L	U	YES																
2-Nitrophenol	5.3		ug/L	U	YES																
3&4-Methylphenol	5.3		ug/L	U	YES																
3,3'-Dichlorobenzidine	5.3		ug/L	U	YES																
3-Nitroaniline	5.3		ug/L	U	YES																
4-Bromophenyl phenyl ether	2.1		ug/L	U	YES																
4-Chloro-3-methylphenol	5.3		ug/L	U	YES																
4-Chloroaniline	5.3		ug/L	U	YES																
4-Chlorophenyl phenyl ether	2.1		ug/L	U	YES																
4-Nitroaniline	5.3		ug/L	U	YES																
4-Nitrophenol	21		ug/L	U	YES																
Acenaphthene	2.1		ug/L	U	YES																
Acenaphthylene	2.1		ug/L	U	YES																
Acetophenone	5.3		ug/L	U	YES																
Anthracene	2.1		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-2202-TILLEYFARMRD

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-13

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8270C						Dilution: 1.00															
Atrazine	5.3		ug/L	U	YES																
Benzaldehyde	5.3		ug/L	U	YES																
Benzo(a)anthracene	2.1		ug/L	U	YES																
Benzo(a)pyrene	2.1		ug/L	U	YES																
Benzo(b)fluoranthene	2.1		ug/L	U	YES																
Benzo(g,h,i)perylene	2.1		ug/L	U	YES																
Benzo(k)fluoranthene	2.1		ug/L	U	YES																
BIPHENYL	2.1		ug/L	U	YES																
bis(2-Chloroethoxy)methane	2.1		ug/L	U	YES																
Bis(2-chloroethyl) ether	2.1		ug/L	U	YES																
Bis(2-chloroisopropyl) ether	2.1		ug/L	U	YES																
Bis(2-ethylhexyl) phthalate	2.1		ug/L	U	YES																
Butylbenzyl phthalate	2.1		ug/L	U	YES																
Caprolactam	2.1		ug/L	U	YES																
Carbazole	2.1		ug/L	U	YES																
Chrysene	2.1		ug/L	U	YES																
Dibenz(a,h)anthracene	2.1		ug/L	U	YES																
Dibenzofuran	5.3		ug/L	U	YES																
Diethyl phthalate	2.1		ug/L	U	YES																
Dimethyl phthalate	2.1		ug/L	U	YES																
Di-n-butyl phthalate	2.1		ug/L	U	YES																
Di-n-octyl phthalate	2.1		ug/L	U	YES																
Fluoranthene	2.1		ug/L	U	YES																
Fluorene	2.1		ug/L	U	YES																
Hexachlorobenzene	2.1		ug/L	U	YES																
Hexachlorobutadiene	2.1		ug/L	U	YES																
Hexachlorocyclopentadiene	21		ug/L	U	YES																
Hexachloroethane	5.3		ug/L	U	YES																
Indeno(1,2,3-cd)pyrene	2.1		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

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Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-2202-TILLEYFARMRD

Sample Date : 08/12/2004

Lab Sample ID: N74914-13

Lab Report Batch : N74914

Analysis Type: RES

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8270C					Dilution: 1.00																
Isophorone	2.1		ug/L	U	YES																
Naphthalene	2.1		ug/L	U	YES																
Nitrobenzene	2.1		ug/L	U	YES																
N-Nitroso-di-n-propylamine	2.1		ug/L	U	YES																
N-Nitrosodiphenylamine	5.3		ug/L	U	YES																
Phenanthrene	2.1		ug/L	U	YES																
Phenol	5.3		ug/L	U	YES																
Pyrene	2.1		ug/L	U	YES																
Analysis Method : 9012A					Dilution: 1.00																
Cyanide	0.01		mg/l	U	YES																



Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-2202-TILLEYFARMRD

Sample Date : 08/12/2004

Lab Sample ID: N74914-13F

Lab Report Batch : N74914

Analysis Type: RE/DIS

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B				Dilution: 1.00																	
Aluminum	200		ug/L	U	YES																

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-2202-TILLEYFARMRD  
Sample Date : 08/12/2004  
Lab Sample ID: N74914-13F

Lab Report Batch : N74914  
Analysis Type: RES/DIS

Lab ID : ACTD  
Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B				Dilution: 1.00																	
Antimony	5		ug/L	U	YES																
Arsenic	4.1		ug/L	B	YES	J								J							12
Barium	15		ug/L	B	YES	J								J							12
Cadmium	4		ug/L	U	YES																
Calcium	7040		ug/L		YES																
Chromium	10		ug/L	U	YES																
Cobalt	50		ug/L	U	YES																
Copper	48.4		ug/L		YES																
Iron	100		ug/L	U	YES																
Lead	3		ug/L	U	YES																
Magnesium	1810		ug/L	B	YES	J								J							12
Manganese	15		ug/L	U	YES																
Nickel	40		ug/L	U	YES																
Potassium	5000		ug/L	U	YES																
Selenium	5		ug/L	U	YES																
Silver	10		ug/L	U	YES																
Sodium	9310		ug/L		YES																
Vanadium	50		ug/L	U	YES																
Zinc	37.3		ug/L		YES																
Analysis Method : 6020				Dilution: 2.00																	
Beryllium	2		ug/L	U	YES																
Thallium	1		ug/L	U	YES																
Analysis Method : 7470A				Dilution: 1.00																	
Mercury	0.2		ug/L	U	YES																

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4535-UZZLERD

Sample Date : 08/11/2004

Lab Sample ID: N74914-3

Lab Report Batch : N74914

Analysis Type: RE

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B				Dilution: 1.00																	
Aluminum	10000		ug/L		YES																
Arsenic	5		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4535-UZZLERD

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-3

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B				Dilution: 1.00																	
Antimony	5		ug/L	U	YES																
Barium	85.4		ug/L	B	YES	J								J							12
Cadmium	0.63		ug/L	B	YES	UJ			U					J							12,6
Calcium	16200		ug/L		YES																
Chromium	5.4		ug/L	B	YES	J								J							12
Cobalt	5.3		ug/L	B	YES	J								J							12
Copper	51.8		ug/L		YES																
Iron	5490		ug/L		YES																
Lead	39.9		ug/L		YES																
Magnesium	3050		ug/L	B	YES	J								J							12
Manganese	406		ug/L		YES																
Nickel	6		ug/L	B	YES	J								J							12
Potassium	563		ug/L	B	YES	J								J							12
Selenium	6.3		ug/L		YES																
Silver	10		ug/L	U	YES																
Sodium	11800		ug/L		YES																
Vanadium	15.3		ug/L	B	YES	J								J							12
Zinc	60.3		ug/L		YES																
Analysis Method : 6020				Dilution: 2.00																	
Beryllium	0.35		ug/L	B	YES	J								J							12
Thallium	0.68		ug/L	B	YES	UJ			U					J							12,6
Analysis Method : 7470A				Dilution: 1.00																	
Mercury	0.17		ug/L	B	YES	J								J							12
Analysis Method : 8081A				Dilution: 1.00																	
4,4'-DDD	0.02		ug/L	U	YES																
4,4'-DDE	0.02		ug/L	U	YES																
4,4'-DDT	0.02		ug/L	U	YES																
Aldrin	0.02		ug/L	U	YES																
alpha-BHC	0.02		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

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# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4535-UZZLERD

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-3

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8081A						Dilution: 1.00															
alpha-Chlordane	0.02		ug/L	U	YES																
beta-BHC	0.02		ug/L	U	YES																
delta-BHC	0.02		ug/L	U	YES																
Dieldrin	0.02		ug/L	U	YES																
Endosulfan I	0.02		ug/L	U	YES																
Endosulfan II	0.02		ug/L	U	YES																
Endosulfan sulfate	0.02		ug/L	U	YES																
Endrin	0.02		ug/L	U	YES																
Endrin aldehyde	0.02		ug/L	U	YES																
Endrin ketone	0.051		ug/L	U	YES																
gamma-BHC	0.02		ug/L	U	YES																
gamma-Chlordane	0.02		ug/L	U	YES																
Heptachlor	0.02		ug/L	U	YES																
Heptachlor epoxide	0.02		ug/L	U	YES																
Methoxychlor	0.051		ug/L	U	YES																
Toxaphene	0.26		ug/L	U	YES																
Analysis Method : 8082						Dilution: 1.00															
Aroclor 1016	0.51		ug/L	U	YES																
Aroclor 1221	0.51		ug/L	U	YES																
Aroclor 1232	0.51		ug/L	U	YES																
Aroclor 1242	0.51		ug/L	U	YES																
Aroclor 1248	0.51		ug/L	U	YES																
Aroclor 1254	0.51		ug/L	U	YES																
Aroclor 1260	0.51		ug/L	U	YES																
Aroclor 1262	0.51		ug/L	U	YES																
Aroclor 1268	0.51		ug/L	U	YES																
Analysis Method : 8151A						Dilution: 1.00															
2,4,5-T	0.22		ug/L	U	YES																
2,4,5-TP (Silvex)	0.16		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4535-UZZLERD

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-3

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8151A					Dilution: 1.00																
2,4-D	0.54		ug/L	U	YES																
Pentachlorophenol	0.16		ug/L	U	YES																
Analysis Method : 8260B					Dilution: 1.00																
1,1,1-Trichloroethane	1		ug/L	U	YES																
1,1,1,2-Tetrachloroethane	1		ug/L	U	YES																
1,1,1,2-Trichloroethane	1		ug/L	U	YES																
1,1-Dichloroethane	1		ug/L	U	YES																
1,1-Dichloroethene	1		ug/L	U	YES																
1,2,3-Trichlorobenzene	5		ug/L	U	YES																
1,2,4-Trichlorobenzene	5		ug/L	U	YES																
1,2-Dibromo-3-chloropropane	10		ug/L	U	YES																
1,2-Dibromoethane	2		ug/L	U	YES																
1,2-Dichlorobenzene	1		ug/L	U	YES																
1,2-Dichloroethane	1		ug/L	U	YES																
1,2-Dichloropropane	1		ug/L	U	YES																
1,3-Dichlorobenzene	1		ug/L	U	YES																
1,4-Dichlorobenzene	1		ug/L	U	YES																
2-Butanone	10		ug/L	U	YES																
2-Hexanone	5		ug/L	U	YES																
4-METHYL-2-PENTANONE	5		ug/L	U	YES																
Acetone	10		ug/L	U	YES																
Benzene	1		ug/L	U	YES																
Bromochloromethane	5		ug/L	U	YES																
Bromodichloromethane	1		ug/L	U	YES																
Bromoform	4		ug/L	U	YES																
Bromomethane	2		ug/L	U	YES																
Carbon disulfide	2		ug/L	U	YES																
Carbon tetrachloride	1		ug/L	U	YES																
Chlorobenzene	1		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4535-UZZLERD

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-3

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8260B						Dilution: 1.00															
Chloroethane	1		ug/L	U	YES																
Chloroform	1		ug/L	U	YES																
Chloromethane	1		ug/L	U	YES																
cis-1,2-Dichloroethene	1		ug/L	U	YES																
cis-1,3-Dichloropropene	1		ug/L	U	YES																
Cyclohexane	5		ug/L	U	YES																
Dibromochloromethane	1		ug/L	U	YES																
Dichlorodifluoromethane	5		ug/L	U	YES																
Ethylbenzene	1		ug/L	U	YES																
Freon 113	5		ug/L	U	YES																
Isopropylbenzene	2		ug/L	U	YES																
M,P-XYLENE	1		ug/L	U	YES																
Methyl Acetate	5		ug/L	U	YES																
Methyl tert-butyl ether	1		ug/L	U	YES																
Methylcyclohexane	5		ug/L	U	YES																
Methylene chloride	2		ug/L	U	YES																
o-Xylene	1		ug/L	U	YES																
Styrene	5		ug/L	U	YES																
Tetrachloroethene	1		ug/L	U	YES																
Toluene	1		ug/L	U	YES																
Total Xylenes	1		ug/L	U	YES																
trans-1,2-Dichloroethene	1		ug/L	U	YES																
trans-1,3-Dichloropropene	1		ug/L	U	YES																
Trichloroethene	1		ug/L	U	YES																
Trichlorofluoromethane	5		ug/L	U	YES																
Vinyl chloride	1		ug/L	U	YES																
Analysis Method : 8270C						Dilution: 1.00															
1,2,4,5-Tetrachlorobenzene	5.1		ug/L	U	YES																
1,4-Dioxane	2		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4535-UZZLERD

Sample Date : 08/11/2004

Lab Sample ID: N74914-3

Lab Report Batch : N74914

Analysis Type: RES

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8270C						Dilution: 1.00															
2,3,4,6-Tetrachlorophenol	5.1		ug/L	U	YES																
2,4,5-Trichlorophenol	5.1		ug/L	U	YES																
2,4,6-Trichlorophenol	5.1		ug/L	U	YES																
2,4-Dichlorophenol	5.1		ug/L	U	YES																
2,4-Dimethylphenol	5.1		ug/L	U	YES																
2,4-Dinitrophenol	20		ug/L	U	YES																
2,4-Dinitrotoluene	2		ug/L	U	YES																
2,6-Dinitrotoluene	2		ug/L	U	YES																
2-Chloronaphthalene	5.1		ug/L	U	YES																
2-Chlorophenol	5.1		ug/L	U	YES																
2-Methyl-4,6-dinitrophenol	20		ug/L	U	YES																
2-Methylnaphthalene	2		ug/L	U	YES																
2-Methylphenol	5.1		ug/L	U	YES																
2-Nitroaniline	5.1		ug/L	U	YES																
2-Nitrophenol	5.1		ug/L	U	YES																
3&4-Methylphenol	5.1		ug/L	U	YES																
3,3'-Dichlorobenzidine	5.1		ug/L	U	YES																
3-Nitroaniline	5.1		ug/L	U	YES																
4-Bromophenyl phenyl ether	2		ug/L	U	YES																
4-Chloro-3-methylphenol	5.1		ug/L	U	YES																
4-Chloroaniline	5.1		ug/L	U	YES																
4-Chlorophenyl phenyl ether	2		ug/L	U	YES																
4-Nitroaniline	5.1		ug/L	U	YES																
4-Nitrophenol	20		ug/L	U	YES																
Acenaphthene	2		ug/L	U	YES																
Acenaphthylene	2		ug/L	U	YES																
Acetophenone	5.1		ug/L	U	YES																
Anthracene	2		ug/L	U	YES																
Atrazine	5.1		ug/L	U	YES																



# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-4535-UZZLERD

**Lab Report Batch :** N74914

**Lab ID :** ACTD

**Sample Date :** 08/11/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74914-3

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8270C</b>			<b>Dilution: 1.00</b>																		
Benzaldehyde	5.1		ug/L	U	YES																
Benzo(a)anthracene	2		ug/L	U	YES																
Benzo(a)pyrene	2		ug/L	U	YES																
Benzo(b)fluoranthene	2		ug/L	U	YES																
Benzo(g,h,i)perylene	2		ug/L	U	YES																
Benzo(k)fluoranthene	2		ug/L	U	YES																
BIPHENYL	2		ug/L	U	YES																
bis(2-Chloroethoxy)methane	2		ug/L	U	YES																
Bis(2-chloroethyl) ether	2		ug/L	U	YES																
Bis(2-chloroisopropyl) ether	2		ug/L	U	YES																
Bis(2-ethylhexyl) phthalate	2		ug/L	U	YES																
Butylbenzyl phthalate	2		ug/L	U	YES																
Caprolactam	2		ug/L	U	YES																
Carbazole	2		ug/L	U	YES																
Chrysene	2		ug/L	U	YES																
Dibenz(a,h)anthracene	2		ug/L	U	YES																
Dibenzofuran	5.1		ug/L	U	YES																
Diethyl phthalate	2		ug/L	U	YES																
Dimethyl phthalate	2		ug/L	U	YES																
Di-n-butyl phthalate	2		ug/L	U	YES																
Di-n-octyl phthalate	2		ug/L	U	YES																
Fluoranthene	2		ug/L	U	YES																
Fluorene	2		ug/L	U	YES																
Hexachlorobenzene	2		ug/L	U	YES																
Hexachlorobutadiene	2		ug/L	U	YES																
Hexachlorocyclopentadiene	20		ug/L	U	YES																
Hexachloroethane	5.1		ug/L	U	YES																
Indeno(1,2,3-cd)pyrene	2		ug/L	U	YES																
Isophorone	2		ug/L	U	YES																

**Project Number and Name:** ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4535-UZZLERD

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-3

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8270C						Dilution: 1.00															
Naphthalene	2		ug/L	U	YES																
Nitrobenzene	2		ug/L	U	YES																
N-Nitroso-di-n-propylamine	2		ug/L	U	YES																
N-Nitrosodiphenylamine	5.1		ug/L	U	YES																
Phenanthrene	2		ug/L	U	YES																
Phenol	5.1		ug/L	U	YES																
Pyrene	2		ug/L	U	YES																
Analysis Method : 9012A						Dilution: 1.00															
Cyanide	0.01		mg/l	U	YES																

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4535-UZZLERD

Sample Date : 08/11/2004

Lab Sample ID: N74914-3F

Lab Report Batch : N74914

Analysis Type: RE/DIS

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B						Dilution: 1.00															
Aluminum	200		ug/L	U	YES																
Arsenic	5		ug/L	U	YES																

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4535-UZZLERD

Sample Date : 08/11/2004

Lab Sample ID: N74914-3F

Lab Report Batch : N74914

Analysis Type: RES/DIS

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B				Dilution: 1.00																	
Antimony	5		ug/L	U	YES																
Barium	26.7		ug/L	B	YES	J								J							12
Cadmium	4		ug/L	U	YES																
Calcium	16600		ug/L		YES																
Chromium	10		ug/L	U	YES																
Cobalt	2.3		ug/L	B	YES	J								J							12
Copper	3.7		ug/L	B	YES	J								J							12
Iron	208		ug/L		YES																
Lead	3		ug/L	U	YES																
Magnesium	2700		ug/L	B	YES	J								J							12
Manganese	391		ug/L		YES																
Nickel	3		ug/L	B	YES	J								J							12
Potassium	5000		ug/L	U	YES																
Selenium	5		ug/L	U	YES																
Silver	10		ug/L	U	YES																
Sodium	9830		ug/L		YES																
Vanadium	50		ug/L	U	YES																
Zinc	13.7		ug/L	B	YES	J								J							12
Analysis Method : 6020				Dilution: 2.00																	
Beryllium	2		ug/L	U	YES																
Thallium	1		ug/L	U	YES																
Analysis Method : 7470A				Dilution: 1.00																	
Mercury	0.2		ug/L	U	YES																

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4553-UZZLERD

Sample Date : 08/11/2004

Lab Sample ID: N74914-1

Lab Report Batch : N74914

Analysis Type: RE

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B				Dilution: 1.00																	
Arsenic	5		ug/L	U	YES																
Analysis Method : 6020				Dilution: 2.00																	
Thallium	1		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4553-UZZLERD

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-1

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B				Dilution: 1.00																	
Aluminum	200		ug/L	U	YES																
Antimony	5		ug/L	U	YES																
Barium	142		ug/L	B	YES	J								J							12
Cadmium	4		ug/L	U	YES																
Calcium	45000		ug/L		YES																
Chromium	10		ug/L	U	YES																
Cobalt	50		ug/L	U	YES																
Copper	4.8		ug/L	B	YES	J								J							12
Iron	100		ug/L	U	YES																
Lead	3		ug/L	U	YES																
Magnesium	4400		ug/L	B	YES	J								J							12
Manganese	195		ug/L		YES																
Nickel	40		ug/L	U	YES																
Potassium	2030		ug/L	B	YES	J								J							12
Selenium	5		ug/L	U	YES																
Silver	10		ug/L	U	YES																
Sodium	8310		ug/L		YES																
Vanadium	50		ug/L	U	YES																
Zinc	108		ug/L		YES																
Analysis Method : 6020				Dilution: 2.00																	
Beryllium	2		ug/L	U	YES																
Analysis Method : 7470A				Dilution: 1.00																	
Mercury	0.2		ug/L	U	YES																
Analysis Method : 8081A				Dilution: 1.00																	
4,4'-DDD	0.02		ug/L	U	YES																
4,4'-DDE	0.02		ug/L	U	YES																
4,4'-DDT	0.02		ug/L	U	YES																
Aldrin	0.02		ug/L	U	YES																
alpha-BHC	0.02		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4553-UZZLERD

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-1

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8081A						Dilution: 1.00															
alpha-Chlordane	0.02		ug/L	U	YES																
beta-BHC	0.02		ug/L	U	YES																
delta-BHC	0.02		ug/L	U	YES																
Dieldrin	0.02		ug/L	U	YES																
Endosulfan I	0.02		ug/L	U	YES																
Endosulfan II	0.02		ug/L	U	YES																
Endosulfan sulfate	0.02		ug/L	U	YES																
Endrin	0.02		ug/L	U	YES																
Endrin aldehyde	0.02		ug/L	U	YES																
Endrin ketone	0.051		ug/L	U	YES																
gamma-BHC	0.02		ug/L	U	YES																
gamma-Chlordane	0.02		ug/L	U	YES																
Heptachlor	0.02		ug/L	U	YES																
Heptachlor epoxide	0.02		ug/L	U	YES																
Methoxychlor	0.051		ug/L	U	YES																
Toxaphene	0.26		ug/L	U	YES																
Analysis Method : 8082						Dilution: 1.00															
Aroclor 1016	0.51		ug/L	U	YES																
Aroclor 1221	0.51		ug/L	U	YES																
Aroclor 1232	0.51		ug/L	U	YES																
Aroclor 1242	0.51		ug/L	U	YES																
Aroclor 1248	0.51		ug/L	U	YES																
Aroclor 1254	0.51		ug/L	U	YES																
Aroclor 1260	0.51		ug/L	U	YES																
Aroclor 1262	0.51		ug/L	U	YES																
Aroclor 1268	0.51		ug/L	U	YES																
Analysis Method : 8151A						Dilution: 1.00															
2,4,5-T	0.24		ug/L	U	YES																
2,4,5-TP (Silvex)	0.18		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

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Report Date: 9/29/2004 08:45

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4553-UZZLERD

Sample Date : 08/11/2004

Lab Sample ID: N74914-1

Lab Report Batch : N74914

Analysis Type: RES

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8151A					Dilution: 1.00																
2,4-D	0.59		ug/L	U	YES																
Pentachlorophenol	0.18		ug/L	U	YES																
Analysis Method : 8260B					Dilution: 1.00																
1,1,1-Trichloroethane	1		ug/L	U	YES																
1,1,1,2-Tetrachloroethane	1		ug/L	U	YES																
1,1,1,2-Trichloroethane	1		ug/L	U	YES																
1,1-Dichloroethane	1		ug/L	U	YES																
1,1-Dichloroethene	1		ug/L	U	YES																
1,2,3-Trichlorobenzene	5		ug/L	U	YES																
1,2,4-Trichlorobenzene	5		ug/L	U	YES																
1,2-Dibromo-3-chloropropane	10		ug/L	U	YES																
1,2-Dibromoethane	2		ug/L	U	YES																
1,2-Dichlorobenzene	1		ug/L	U	YES																
1,2-Dichloroethane	1		ug/L	U	YES																
1,2-Dichloropropane	1		ug/L	U	YES																
1,3-Dichlorobenzene	1		ug/L	U	YES																
1,4-Dichlorobenzene	1		ug/L	U	YES																
2-Butanone	10		ug/L	U	YES																
2-Hexanone	5		ug/L	U	YES																
4-METHYL-2-PENTANONE	5		ug/L	U	YES																
Acetone	10		ug/L	U	YES																
Benzene	1		ug/L	U	YES																
Bromochloromethane	5		ug/L	U	YES																
Bromodichloromethane	1		ug/L	U	YES																
Bromoform	4		ug/L	U	YES																
Bromomethane	2		ug/L	U	YES																
Carbon disulfide	2		ug/L	U	YES																
Carbon tetrachloride	1		ug/L	U	YES																
Chlorobenzene	1		ug/L	U	YES																



# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-4553-UZZLERD

**Lab Report Batch :** N74914

**Lab ID :** ACTD

**Sample Date :** 08/11/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74914-1

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8260B</b>			<b>Dilution: 1.00</b>																		
Chloroethane	1		ug/L	U	YES																
Chloroform	1		ug/L	U	YES																
Chloromethane	1		ug/L	U	YES																
cis-1,2-Dichloroethene	1		ug/L	U	YES																
cis-1,3-Dichloropropene	1		ug/L	U	YES																
Cyclohexane	5		ug/L	U	YES																
Dibromochloromethane	1		ug/L	U	YES																
Dichlorodifluoromethane	5		ug/L	U	YES																
Ethylbenzene	1		ug/L	U	YES																
Freon 113	5		ug/L	U	YES																
Isopropylbenzene	2		ug/L	U	YES																
M,P-XYLENE	1		ug/L	U	YES																
Methyl Acetate	5		ug/L	U	YES																
Methyl tert-butyl ether	1		ug/L	U	YES																
Methylcyclohexane	5		ug/L	U	YES																
Methylene chloride	2		ug/L	U	YES																
o-Xylene	1		ug/L	U	YES																
Styrene	5		ug/L	U	YES																
Tetrachloroethene	1		ug/L	U	YES																
Toluene	1		ug/L	U	YES																
Total Xylenes	1		ug/L	U	YES																
trans-1,2-Dichloroethene	1		ug/L	U	YES																
trans-1,3-Dichloropropene	1		ug/L	U	YES																
Trichloroethene	1		ug/L	U	YES																
Trichlorofluoromethane	5		ug/L	U	YES																
Vinyl chloride	1		ug/L	U	YES																
<b>Analysis Method : 8270C</b>			<b>Dilution: 1.00</b>																		
1,2,4,5-Tetrachlorobenzene	5.1		ug/L	U	YES																
1,4-Dioxane	2		ug/L	U	YES																

**Project Number and Name:** ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** FormerCampButner - Sep03

ADR 6.1

Report Date: 9/29/2004 08:45

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4553-UZZLERD

Sample Date : 08/11/2004

Lab Sample ID: N74914-1

Lab Report Batch : N74914

Analysis Type: RES

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8270C						Dilution: 1.00															
2,3,4,6-Tetrachlorophenol	5.1		ug/L	U	YES																
2,4,5-Trichlorophenol	5.1		ug/L	U	YES																
2,4,6-Trichlorophenol	5.1		ug/L	U	YES																
2,4-Dichlorophenol	5.1		ug/L	U	YES																
2,4-Dimethylphenol	5.1		ug/L	U	YES																
2,4-Dinitrophenol	20		ug/L	U	YES																
2,4-Dinitrotoluene	2		ug/L	U	YES																
2,6-Dinitrotoluene	2		ug/L	U	YES																
2-Chloronaphthalene	5.1		ug/L	U	YES																
2-Chlorophenol	5.1		ug/L	U	YES																
2-Methyl-4,6-dinitrophenol	20		ug/L	U	YES																
2-Methylnaphthalene	2		ug/L	U	YES																
2-Methylphenol	5.1		ug/L	U	YES																
2-Nitroaniline	5.1		ug/L	U	YES																
2-Nitrophenol	5.1		ug/L	U	YES																
3&4-Methylphenol	5.1		ug/L	U	YES																
3,3'-Dichlorobenzidine	5.1		ug/L	U	YES																
3-Nitroaniline	5.1		ug/L	U	YES																
4-Bromophenyl phenyl ether	2		ug/L	U	YES																
4-Chloro-3-methylphenol	5.1		ug/L	U	YES																
4-Chloroaniline	5.1		ug/L	U	YES																
4-Chlorophenyl phenyl ether	2		ug/L	U	YES																
4-Nitroaniline	5.1		ug/L	U	YES																
4-Nitrophenol	20		ug/L	U	YES																
Acenaphthene	2		ug/L	U	YES																
Acenaphthylene	2		ug/L	U	YES																
Acetophenone	5.1		ug/L	U	YES																
Anthracene	2		ug/L	U	YES																
Atrazine	5.1		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4553-UZZLERD

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-1

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8270C						Dilution: 1.00															
Benzaldehyde	5.1		ug/L	U	YES																
Benzo(a)anthracene	2		ug/L	U	YES																
Benzo(a)pyrene	2		ug/L	U	YES																
Benzo(b)fluoranthene	2		ug/L	U	YES																
Benzo(g,h,i)perylene	2		ug/L	U	YES																
Benzo(k)fluoranthene	2		ug/L	U	YES																
BIPHENYL	2		ug/L	U	YES																
bis(2-Chloroethoxy)methane	2		ug/L	U	YES																
Bis(2-chloroethyl) ether	2		ug/L	U	YES																
Bis(2-chloroisopropyl) ether	2		ug/L	U	YES																
Bis(2-ethylhexyl) phthalate	2		ug/L	U	YES																
Butylbenzyl phthalate	2		ug/L	U	YES																
Caprolactam	2		ug/L	U	YES																
Carbazole	2		ug/L	U	YES																
Chrysene	2		ug/L	U	YES																
Dibenz(a,h)anthracene	2		ug/L	U	YES																
Dibenzofuran	5.1		ug/L	U	YES																
Diethyl phthalate	2		ug/L	U	YES																
Dimethyl phthalate	2		ug/L	U	YES																
Di-n-butyl phthalate	2		ug/L	U	YES																
Di-n-octyl phthalate	2		ug/L	U	YES																
Fluoranthene	2		ug/L	U	YES																
Fluorene	2		ug/L	U	YES																
Hexachlorobenzene	2		ug/L	U	YES																
Hexachlorobutadiene	2		ug/L	U	YES																
Hexachlorocyclopentadiene	20		ug/L	U	YES																
Hexachloroethane	5.1		ug/L	U	YES																
Indeno(1,2,3-cd)pyrene	2		ug/L	U	YES																
Isophorone	2		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

ADR 6.1

Report Date: 9/29/2004 08:45

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4553-UZZLERD

Sample Date : 08/11/2004

Lab Sample ID: N74914-1

Lab Report Batch : N74914

Analysis Type: RES

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8270C				Dilution: 1.00																	
Naphthalene	2		ug/L	U	YES																
Nitrobenzene	2		ug/L	U	YES																
N-Nitroso-di-n-propylamine	2		ug/L	U	YES																
N-Nitrosodiphenylamine	5.1		ug/L	U	YES																
Phenanthrene	2		ug/L	U	YES																
Phenol	5.1		ug/L	U	YES																
Pyrene	2		ug/L	U	YES																
Analysis Method : 9012A				Dilution: 1.00																	
Cyanide	0.01		mg/l	U	YES																

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4553-UZZLERD

Sample Date : 08/11/2004

Lab Sample ID: N74914-1F

Lab Report Batch : N74914

Analysis Type: RE/DIS

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B				Dilution: 1.00																	
Aluminum	200		ug/L	U	YES																
Antimony	5		ug/L	U	YES																
Arsenic	5		ug/L	U	YES																

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4553-UZZLERD

Sample Date : 08/11/2004

Lab Sample ID: N74914-1F

Lab Report Batch : N74914

Analysis Type: RES/DIS

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B				Dilution: 1.00																	
Barium	141		ug/L	B	YES	J								J							12
Cadmium	0.5		ug/L	B	YES	UJ			U					J							12,6
Calcium	44200		ug/L		YES																
Chromium	10		ug/L	U	YES																
Cobalt	50		ug/L	U	YES																
Copper	3.5		ug/L	B	YES	J								J							12
Iron	100		ug/L	U	YES																
Lead	3		ug/L	U	YES																
Magnesium	4350		ug/L	B	YES	J								J							12
Manganese	190		ug/L		YES																
Nickel	40		ug/L	U	YES																
Potassium	2070		ug/L	B	YES	J								J							12
Selenium	5		ug/L	U	YES																
Silver	10		ug/L	U	YES																
Sodium	8590		ug/L		YES																
Vanadium	50		ug/L	U	YES																
Zinc	107		ug/L		YES																
Analysis Method : 6020				Dilution: 2.00																	
Beryllium	2		ug/L	U	YES																
Thallium	1		ug/L	U	YES																
Analysis Method : 7470A				Dilution: 1.00																	
Mercury	0.2		ug/L	U	YES																

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4573-UZZLERD

Sample Date : 08/11/2004

Lab Sample ID: N74914-6

Lab Report Batch : N74914

Analysis Type: RE

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B						Dilution: 1.00															
Aluminum	200		ug/L	U	YES																
Arsenic	5		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4573-UZZLERD

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-6

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B						Dilution: 1.00															
Antimony	5		ug/L	U	YES																
Barium	200		ug/L	U	YES																
Cadmium	4		ug/L	U	YES																
Calcium	11600		ug/L		YES																
Chromium	10		ug/L	U	YES																
Cobalt	50		ug/L	U	YES																
Copper	27.5		ug/L		YES																
Iron	1140		ug/L		YES																
Lead	3.6		ug/L		YES	U			U												6
Magnesium	2310		ug/L	B	YES	J								J							12
Manganese	46.6		ug/L		YES																
Nickel	40		ug/L	U	YES																
Potassium	986		ug/L	B	YES	J								J							12
Selenium	5		ug/L	U	YES																
Silver	10		ug/L	U	YES																
Sodium	5760		ug/L		YES																
Vanadium	50		ug/L	U	YES																
Zinc	26.4		ug/L		YES																
Analysis Method : 6020						Dilution: 2.00															
Beryllium	2		ug/L	U	YES																
Thallium	1		ug/L	U	YES																
Analysis Method : 7470A						Dilution: 1.00															
Mercury	0.2		ug/L	U	YES																
Analysis Method : 8081A						Dilution: 1.00															
4,4'-DDD	0.02		ug/L	U	YES																
4,4'-DDE	0.02		ug/L	U	YES																
4,4'-DDT	0.02		ug/L	U	YES																
Aldrin	0.02		ug/L	U	YES																
alpha-BHC	0.02		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

ADR 6.1

Report Date: 9/29/2004 08:45

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review



# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4573-UZZLERD

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-6

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8081A						Dilution: 1.00															
alpha-Chlordane	0.02		ug/L	U	YES																
beta-BHC	0.02		ug/L	U	YES																
delta-BHC	0.02		ug/L	U	YES																
Dieldrin	0.02		ug/L	U	YES																
Endosulfan I	0.02		ug/L	U	YES																
Endosulfan II	0.02		ug/L	U	YES																
Endosulfan sulfate	0.02		ug/L	U	YES																
Endrin	0.02		ug/L	U	YES																
Endrin aldehyde	0.02		ug/L	U	YES																
Endrin ketone	0.05		ug/L	U	YES																
gamma-BHC	0.02		ug/L	U	YES																
gamma-Chlordane	0.02		ug/L	U	YES																
Heptachlor	0.02		ug/L	U	YES																
Heptachlor epoxide	0.02		ug/L	U	YES																
Methoxychlor	0.05		ug/L	U	YES																
Toxaphene	0.25		ug/L	U	YES																
Analysis Method : 8082						Dilution: 1.00															
Aroclor 1016	0.5		ug/L	U	YES																
Aroclor 1221	0.5		ug/L	U	YES																
Aroclor 1232	0.5		ug/L	U	YES																
Aroclor 1242	0.5		ug/L	U	YES																
Aroclor 1248	0.5		ug/L	U	YES																
Aroclor 1254	0.5		ug/L	U	YES																
Aroclor 1260	0.5		ug/L	U	YES																
Aroclor 1262	0.5		ug/L	U	YES																
Aroclor 1268	0.5		ug/L	U	YES																
Analysis Method : 8151A						Dilution: 1.00															
2,4,5-T	0.21		ug/L	U	YES																
2,4,5-TP (Silvex)	0.16		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

ADR 6.1

Report Date: 9/29/2004 08:46

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4573-UZZLERD

Sample Date : 08/11/2004

Lab Sample ID: N74914-6

Lab Report Batch : N74914

Analysis Type: RES

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8151A					Dilution: 1.00																
2,4-D	0.53		ug/L	U	YES																
Pentachlorophenol	0.16		ug/L	U	YES																
Analysis Method : 8260B					Dilution: 1.00																
1,1,1-Trichloroethane	1		ug/L	U	YES																
1,1,1,2-Tetrachloroethane	1		ug/L	U	YES																
1,1,1,2-Trichloroethane	1		ug/L	U	YES																
1,1-Dichloroethane	1		ug/L	U	YES																
1,1-Dichloroethene	1		ug/L	U	YES																
1,2,3-Trichlorobenzene	5		ug/L	U	YES																
1,2,4-Trichlorobenzene	5		ug/L	U	YES																
1,2-Dibromo-3-chloropropane	10		ug/L	U	YES																
1,2-Dibromoethane	2		ug/L	U	YES																
1,2-Dichlorobenzene	1		ug/L	U	YES																
1,2-Dichloroethane	1		ug/L	U	YES																
1,2-Dichloropropane	1		ug/L	U	YES																
1,3-Dichlorobenzene	1		ug/L	U	YES																
1,4-Dichlorobenzene	1		ug/L	U	YES																
2-Butanone	10		ug/L	U	YES																
2-Hexanone	5		ug/L	U	YES																
4-METHYL-2-PENTANONE	5		ug/L	U	YES																
Acetone	10		ug/L	U	YES																
Benzene	1		ug/L	U	YES																
Bromochloromethane	5		ug/L	U	YES																
Bromodichloromethane	1		ug/L	U	YES																
Bromoform	4		ug/L	U	YES																
Bromomethane	2		ug/L	U	YES																
Carbon disulfide	2		ug/L	U	YES																
Carbon tetrachloride	1		ug/L	U	YES																
Chlorobenzene	1		ug/L	U	YES																

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4573-UZZLERD

Sample Date : 08/11/2004

Lab Sample ID: N74914-6

Lab Report Batch : N74914

Analysis Type: RES

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8260B						Dilution: 1.00															
Chloroethane	1		ug/L	U	YES																
Chloroform	1		ug/L	U	YES																
Chloromethane	1		ug/L	U	YES																
cis-1,2-Dichloroethene	1		ug/L	U	YES																
cis-1,3-Dichloropropene	1		ug/L	U	YES																
Cyclohexane	5		ug/L	U	YES																
Dibromochloromethane	1		ug/L	U	YES																
Dichlorodifluoromethane	5		ug/L	U	YES																
Ethylbenzene	1		ug/L	U	YES																
Freon 113	5		ug/L	U	YES																
Isopropylbenzene	2		ug/L	U	YES																
M,P-XYLENE	1		ug/L	U	YES																
Methyl Acetate	5		ug/L	U	YES																
Methyl tert-butyl ether	1		ug/L	U	YES																
Methylcyclohexane	5		ug/L	U	YES																
Methylene chloride	2		ug/L	U	YES																
o-Xylene	1		ug/L	U	YES																
Styrene	5		ug/L	U	YES																
Tetrachloroethene	1		ug/L	U	YES																
Toluene	1		ug/L	U	YES																
Total Xylenes	1		ug/L	U	YES																
trans-1,2-Dichloroethene	1		ug/L	U	YES																
trans-1,3-Dichloropropene	1		ug/L	U	YES																
Trichloroethene	1		ug/L	U	YES																
Trichlorofluoromethane	5		ug/L	U	YES																
Vinyl chloride	1		ug/L	U	YES																
Analysis Method : 8270C						Dilution: 1.00															
1,2,4,5-Tetrachlorobenzene	5.2		ug/L	U	YES																
1,4-Dioxane	2.1		ug/L	U	YES																

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4573-UZZLERD

Sample Date : 08/11/2004

Lab Sample ID: N74914-6

Lab Report Batch : N74914

Analysis Type: RES

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8270C						Dilution: 1.00															
2,3,4,6-Tetrachlorophenol	5.2		ug/L	U	YES																
2,4,5-Trichlorophenol	5.2		ug/L	U	YES																
2,4,6-Trichlorophenol	5.2		ug/L	U	YES																
2,4-Dichlorophenol	5.2		ug/L	U	YES																
2,4-Dimethylphenol	5.2		ug/L	U	YES																
2,4-Dinitrophenol	21		ug/L	U	YES																
2,4-Dinitrotoluene	2.1		ug/L	U	YES																
2,6-Dinitrotoluene	2.1		ug/L	U	YES																
2-Chloronaphthalene	5.2		ug/L	U	YES																
2-Chlorophenol	5.2		ug/L	U	YES																
2-Methyl-4,6-dinitrophenol	21		ug/L	U	YES																
2-Methylnaphthalene	2.1		ug/L	U	YES																
2-Methylphenol	5.2		ug/L	U	YES																
2-Nitroaniline	5.2		ug/L	U	YES																
2-Nitrophenol	5.2		ug/L	U	YES																
3&4-Methylphenol	5.2		ug/L	U	YES																
3,3'-Dichlorobenzidine	5.2		ug/L	U	YES																
3-Nitroaniline	5.2		ug/L	U	YES																
4-Bromophenyl phenyl ether	2.1		ug/L	U	YES																
4-Chloro-3-methylphenol	5.2		ug/L	U	YES																
4-Chloroaniline	5.2		ug/L	U	YES																
4-Chlorophenyl phenyl ether	2.1		ug/L	U	YES																
4-Nitroaniline	5.2		ug/L	U	YES																
4-Nitrophenol	21		ug/L	U	YES																
Acenaphthene	2.1		ug/L	U	YES																
Acenaphthylene	2.1		ug/L	U	YES																
Acetophenone	5.2		ug/L	U	YES																
Anthracene	2.1		ug/L	U	YES																
Atrazine	5.2		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4573-UZZLERD

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-6

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8270C						Dilution: 1.00															
Benzaldehyde	5.2		ug/L	U	YES																
Benzo(a)anthracene	2.1		ug/L	U	YES																
Benzo(a)pyrene	2.1		ug/L	U	YES																
Benzo(b)fluoranthene	2.1		ug/L	U	YES																
Benzo(g,h,i)perylene	2.1		ug/L	U	YES																
Benzo(k)fluoranthene	2.1		ug/L	U	YES																
BIPHENYL	2.1		ug/L	U	YES																
bis(2-Chloroethoxy)methane	2.1		ug/L	U	YES																
Bis(2-chloroethyl) ether	2.1		ug/L	U	YES																
Bis(2-chloroisopropyl) ether	2.1		ug/L	U	YES																
Bis(2-ethylhexyl) phthalate	2.1		ug/L	U	YES																
Butylbenzyl phthalate	2.1		ug/L	U	YES																
Caprolactam	2.1		ug/L	U	YES																
Carbazole	2.1		ug/L	U	YES																
Chrysene	2.1		ug/L	U	YES																
Dibenz(a,h)anthracene	2.1		ug/L	U	YES																
Dibenzofuran	5.2		ug/L	U	YES																
Diethyl phthalate	2.1		ug/L	U	YES																
Dimethyl phthalate	2.1		ug/L	U	YES																
Di-n-butyl phthalate	2.1		ug/L	U	YES																
Di-n-octyl phthalate	2.1		ug/L	U	YES																
Fluoranthene	2.1		ug/L	U	YES																
Fluorene	2.1		ug/L	U	YES																
Hexachlorobenzene	2.1		ug/L	U	YES																
Hexachlorobutadiene	2.1		ug/L	U	YES																
Hexachlorocyclopentadiene	21		ug/L	U	YES																
Hexachloroethane	5.2		ug/L	U	YES																
Indeno(1,2,3-cd)pyrene	2.1		ug/L	U	YES																
Isophorone	2.1		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

ADR 6.1

Report Date: 9/29/2004 08:46

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4573-UZZLERD

Sample Date : 08/11/2004

Lab Sample ID: N74914-6

Lab Report Batch : N74914

Analysis Type: RES

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8270C				Dilution: 1.00																	
Naphthalene	2.1		ug/L	U	YES																
Nitrobenzene	2.1		ug/L	U	YES																
N-Nitroso-di-n-propylamine	2.1		ug/L	U	YES																
N-Nitrosodiphenylamine	5.2		ug/L	U	YES																
Phenanthrene	2.1		ug/L	U	YES																
Phenol	5.2		ug/L	U	YES																
Pyrene	2.1		ug/L	U	YES																
Analysis Method : 9012A				Dilution: 1.00																	
Cyanide	0.01		mg/l	U	YES																

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4573-UZZLERD

Sample Date : 08/11/2004

Lab Sample ID: N74914-6F

Lab Report Batch : N74914

Analysis Type: RE/DIS

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B				Dilution: 1.00																	
Aluminum	200		ug/L	U	YES																
Arsenic	5		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4573-UZZLERD

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/11/2004

Analysis Type: RES/DIS

Sample Matrix : AQ

Lab Sample ID: N74914-6F

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B						Dilution: 1.00															
Antimony	5		ug/L	U	YES																
Barium	200		ug/L	U	YES																
Cadmium	4		ug/L	U	YES																
Calcium	11600		ug/L		YES																
Chromium	10		ug/L	U	YES																
Cobalt	50		ug/L	U	YES																
Copper	17.5		ug/L	B	YES	J								J							12
Iron	534		ug/L		YES																
Lead	3		ug/L	U	YES																
Magnesium	2290		ug/L	B	YES	J								J							12
Manganese	43.9		ug/L		YES																
Nickel	2.4		ug/L	B	YES	J								J							12
Potassium	1040		ug/L	B	YES	J								J							12
Selenium	5		ug/L	U	YES																
Silver	10		ug/L	U	YES																
Sodium	5710		ug/L		YES																
Vanadium	50		ug/L	U	YES																
Zinc	27.8		ug/L		YES																
Analysis Method : 6020						Dilution: 2.00															
Beryllium	2		ug/L	U	YES																
Thallium	1		ug/L	U	YES																
Analysis Method : 7470A						Dilution: 1.00															
Mercury	0.2		ug/L	U	YES																



Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4578-UZZLERD

Sample Date : 08/11/2004

Lab Sample ID: N74914-4

Lab Report Batch : N74914

Analysis Type: RE

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B						Dilution: 1.00															
Aluminum	200		ug/L	U	YES																
Arsenic	5		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4578-UZZLERD

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-4

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B				Dilution: 1.00																	
Antimony	5		ug/L	U	YES																
Barium	15.7		ug/L	B	YES	J								J							12
Cadmium	4		ug/L	U	YES																
Calcium	8270		ug/L		YES																
Chromium	3.4		ug/L	B	YES	J								J							12
Cobalt	50		ug/L	U	YES																
Copper	20.1		ug/L	B	YES	J								J							12
Iron	100		ug/L	U	YES																
Lead	3		ug/L	U	YES																
Magnesium	2110		ug/L	B	YES	J								J							12
Manganese	12.6		ug/L	B	YES	J								J							12
Nickel	2.6		ug/L	B	YES	J								J							12
Potassium	808		ug/L	B	YES	J								J							12
Selenium	5		ug/L	U	YES																
Silver	10		ug/L	U	YES																
Sodium	4490		ug/L	B	YES	J								J							12
Vanadium	50		ug/L	U	YES																
Zinc	15.5		ug/L	B	YES	J								J							12
Analysis Method : 6020				Dilution: 2.00																	
Beryllium	2		ug/L	U	YES																
Thallium	1		ug/L	U	YES																
Analysis Method : 7470A				Dilution: 1.00																	
Mercury	0.2		ug/L	U	YES																
Analysis Method : 8081A				Dilution: 1.00																	
4,4'-DDD	0.021		ug/L	U	YES																
4,4'-DDE	0.021		ug/L	U	YES																
4,4'-DDT	0.021		ug/L	U	YES																
Aldrin	0.021		ug/L	U	YES																
alpha-BHC	0.021		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4578-UZZLERD

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-4

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8081A						Dilution: 1.00															
alpha-Chlordane	0.021		ug/L	U	YES																
beta-BHC	0.021		ug/L	U	YES																
delta-BHC	0.021		ug/L	U	YES																
Dieldrin	0.021		ug/L	U	YES																
Endosulfan I	0.021		ug/L	U	YES																
Endosulfan II	0.021		ug/L	U	YES																
Endosulfan sulfate	0.021		ug/L	U	YES																
Endrin	0.021		ug/L	U	YES																
Endrin aldehyde	0.021		ug/L	U	YES																
Endrin ketone	0.052		ug/L	U	YES																
gamma-BHC	0.021		ug/L	U	YES																
gamma-Chlordane	0.021		ug/L	U	YES																
Heptachlor	0.021		ug/L	U	YES																
Heptachlor epoxide	0.021		ug/L	U	YES																
Methoxychlor	0.052		ug/L	U	YES																
Toxaphene	0.26		ug/L	U	YES																
Analysis Method : 8082						Dilution: 1.00															
Aroclor 1016	0.52		ug/L	U	YES																
Aroclor 1221	0.52		ug/L	U	YES																
Aroclor 1232	0.52		ug/L	U	YES																
Aroclor 1242	0.52		ug/L	U	YES																
Aroclor 1248	0.52		ug/L	U	YES																
Aroclor 1254	0.52		ug/L	U	YES																
Aroclor 1260	0.52		ug/L	U	YES																
Aroclor 1262	0.52		ug/L	U	YES																
Aroclor 1268	0.52		ug/L	U	YES																
Analysis Method : 8151A						Dilution: 1.00															
2,4,5-T	0.22		ug/L	U	YES																
2,4,5-TP (Silvex)	0.17		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

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Report Date: 9/29/2004 08:46

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4578-UZZLERD

Sample Date : 08/11/2004

Lab Sample ID: N74914-4

Lab Report Batch : N74914

Analysis Type: RES

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8151A					Dilution: 1.00																
2,4-D	0.56		ug/L	U	YES																
Pentachlorophenol	0.17		ug/L	U	YES																
Analysis Method : 8260B					Dilution: 1.00																
1,1,1-Trichloroethane	1		ug/L	U	YES																
1,1,1,2-Tetrachloroethane	1		ug/L	U	YES																
1,1,2-Trichloroethane	1		ug/L	U	YES																
1,1-Dichloroethane	1		ug/L	U	YES																
1,1-Dichloroethene	1		ug/L	U	YES																
1,2,3-Trichlorobenzene	5		ug/L	U	YES																
1,2,4-Trichlorobenzene	5		ug/L	U	YES																
1,2-Dibromo-3-chloropropane	10		ug/L	U	YES																
1,2-Dibromoethane	2		ug/L	U	YES																
1,2-Dichlorobenzene	1		ug/L	U	YES																
1,2-Dichloroethane	1		ug/L	U	YES																
1,2-Dichloropropane	1		ug/L	U	YES																
1,3-Dichlorobenzene	1		ug/L	U	YES																
1,4-Dichlorobenzene	1		ug/L	U	YES																
2-Butanone	10		ug/L	U	YES																
2-Hexanone	5		ug/L	U	YES																
4-METHYL-2-PENTANONE	5		ug/L	U	YES																
Acetone	10		ug/L	U	YES																
Benzene	1		ug/L	U	YES																
Bromochloromethane	5		ug/L	U	YES																
Bromodichloromethane	1		ug/L	U	YES																
Bromoform	4		ug/L	U	YES																
Bromomethane	2		ug/L	U	YES																
Carbon disulfide	2		ug/L	U	YES																
Carbon tetrachloride	1		ug/L	U	YES																
Chlorobenzene	1		ug/L	U	YES																

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4578-UZZLERD

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-4

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8260B				Dilution: 1.00																	
Chloroethane	1		ug/L	U	YES																
Chloroform	1		ug/L	U	YES																
Chloromethane	1		ug/L	U	YES																
cis-1,2-Dichloroethene	1		ug/L	U	YES																
cis-1,3-Dichloropropene	1		ug/L	U	YES																
Cyclohexane	5		ug/L	U	YES																
Dibromochloromethane	1		ug/L	U	YES																
Dichlorodifluoromethane	5		ug/L	U	YES																
Ethylbenzene	1		ug/L	U	YES																
Freon 113	5		ug/L	U	YES																
Isopropylbenzene	2		ug/L	U	YES																
M,P-XYLENE	1		ug/L	U	YES																
Methyl Acetate	5		ug/L	U	YES																
Methyl tert-butyl ether	1		ug/L	U	YES																
Methylcyclohexane	5		ug/L	U	YES																
Methylene chloride	2		ug/L	U	YES																
o-Xylene	1		ug/L	U	YES																
Styrene	5		ug/L	U	YES																
Tetrachloroethene	1		ug/L	U	YES																
Toluene	1		ug/L	U	YES																
Total Xylenes	1		ug/L	U	YES																
trans-1,2-Dichloroethene	1		ug/L	U	YES																
trans-1,3-Dichloropropene	1		ug/L	U	YES																
Trichloroethene	1		ug/L	U	YES																
Trichlorofluoromethane	5		ug/L	U	YES																
Vinyl chloride	1		ug/L	U	YES																
Analysis Method : 8270C				Dilution: 1.00																	
1,2,4,5-Tetrachlorobenzene	5		ug/L	U	YES																
1,4-Dioxane	2		ug/L	U	YES																

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4578-UZZLERD

Sample Date : 08/11/2004

Lab Sample ID: N74914-4

Lab Report Batch : N74914

Analysis Type: RES

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8270C						Dilution: 1.00															
2,3,4,6-Tetrachlorophenol	5		ug/L	U	YES																
2,4,5-Trichlorophenol	5		ug/L	U	YES																
2,4,6-Trichlorophenol	5		ug/L	U	YES																
2,4-Dichlorophenol	5		ug/L	U	YES																
2,4-Dimethylphenol	5		ug/L	U	YES																
2,4-Dinitrophenol	20		ug/L	U	YES																
2,4-Dinitrotoluene	2		ug/L	U	YES																
2,6-Dinitrotoluene	2		ug/L	U	YES																
2-Chloronaphthalene	5		ug/L	U	YES																
2-Chlorophenol	5		ug/L	U	YES																
2-Methyl-4,6-dinitrophenol	20		ug/L	U	YES																
2-Methylnaphthalene	2		ug/L	U	YES																
2-Methylphenol	5		ug/L	U	YES																
2-Nitroaniline	5		ug/L	U	YES																
2-Nitrophenol	5		ug/L	U	YES																
3&4-Methylphenol	5		ug/L	U	YES																
3,3'-Dichlorobenzidine	5		ug/L	U	YES																
3-Nitroaniline	5		ug/L	U	YES																
4-Bromophenyl phenyl ether	2		ug/L	U	YES																
4-Chloro-3-methylphenol	5		ug/L	U	YES																
4-Chloroaniline	5		ug/L	U	YES																
4-Chlorophenyl phenyl ether	2		ug/L	U	YES																
4-Nitroaniline	5		ug/L	U	YES																
4-Nitrophenol	20		ug/L	U	YES																
Acenaphthene	2		ug/L	U	YES																
Acenaphthylene	2		ug/L	U	YES																
Acetophenone	5		ug/L	U	YES																
Anthracene	2		ug/L	U	YES																
Atrazine	5		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4578-UZZLERD

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-4

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8270C						Dilution: 1.00															
Benzaldehyde	5		ug/L	U	YES																
Benzo(a)anthracene	2		ug/L	U	YES																
Benzo(a)pyrene	2		ug/L	U	YES																
Benzo(b)fluoranthene	2		ug/L	U	YES																
Benzo(g,h,i)perylene	2		ug/L	U	YES																
Benzo(k)fluoranthene	2		ug/L	U	YES																
BIPHENYL	2		ug/L	U	YES																
bis(2-Chloroethoxy)methane	2		ug/L	U	YES																
Bis(2-chloroethyl) ether	2		ug/L	U	YES																
Bis(2-chloroisopropyl) ether	2		ug/L	U	YES																
Bis(2-ethylhexyl) phthalate	2		ug/L	U	YES																
Butylbenzyl phthalate	2		ug/L	U	YES																
Caprolactam	2		ug/L	U	YES																
Carbazole	2		ug/L	U	YES																
Chrysene	2		ug/L	U	YES																
Dibenz(a,h)anthracene	2		ug/L	U	YES																
Dibenzofuran	5		ug/L	U	YES																
Diethyl phthalate	2		ug/L	U	YES																
Dimethyl phthalate	2		ug/L	U	YES																
Di-n-butyl phthalate	2		ug/L	U	YES																
Di-n-octyl phthalate	2		ug/L	U	YES																
Fluoranthene	2		ug/L	U	YES																
Fluorene	2		ug/L	U	YES																
Hexachlorobenzene	2		ug/L	U	YES																
Hexachlorobutadiene	2		ug/L	U	YES																
Hexachlorocyclopentadiene	20		ug/L	U	YES																
Hexachloroethane	5		ug/L	U	YES																
Indeno(1,2,3-cd)pyrene	2		ug/L	U	YES																
Isophorone	2		ug/L	U	YES																

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4578-UZZLERD

Sample Date : 08/11/2004

Lab Sample ID: N74914-4

Lab Report Batch : N74914

Analysis Type: RES

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8270C						Dilution: 1.00															
Naphthalene	2		ug/L	U	YES																
Nitrobenzene	2		ug/L	U	YES																
N-Nitroso-di-n-propylamine	2		ug/L	U	YES																
N-Nitrosodiphenylamine	5		ug/L	U	YES																
Phenanthrene	2		ug/L	U	YES																
Phenol	5		ug/L	U	YES																
Pyrene	2		ug/L	U	YES																
Analysis Method : 9012A						Dilution: 1.00															
Cyanide	0.01		mg/l	U	YES																



Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4578-UZZLERD

Sample Date : 08/11/2004

Lab Sample ID: N74914-4F

Lab Report Batch : N74914

Analysis Type: RE/DIS

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B				Dilution: 1.00																	
Aluminum	200		ug/L	U	YES																
Antimony	5		ug/L	U	YES																
Arsenic	5		ug/L	U	YES																

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4578-UZZLERD

Sample Date : 08/11/2004

Lab Sample ID: N74914-4F

Lab Report Batch : N74914

Analysis Type: RES/DIS

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B				Dilution: 1.00																	
Barium	15.6		ug/L	B	YES	J								J							12
Cadmium	4		ug/L	U	YES																
Calcium	8120		ug/L		YES																
Chromium	3.4		ug/L	B	YES	J								J							12
Cobalt	50		ug/L	U	YES																
Copper	12.5		ug/L	B	YES	J								J							12
Iron	100		ug/L	U	YES																
Lead	3		ug/L	U	YES																
Magnesium	2070		ug/L	B	YES	J								J							12
Manganese	11.5		ug/L	B	YES	J								J							12
Nickel	2.7		ug/L	B	YES	J								J							12
Potassium	841		ug/L	B	YES	J								J							12
Selenium	5		ug/L	U	YES																
Silver	10		ug/L	U	YES																
Sodium	4340		ug/L	B	YES	J								J							12
Vanadium	50		ug/L	U	YES																
Zinc	14.9		ug/L	B	YES	J								J							12
Analysis Method : 6020				Dilution: 2.00																	
Beryllium	2		ug/L	U	YES																
Thallium	1		ug/L	U	YES																
Analysis Method : 7470A				Dilution: 1.00																	
Mercury	0.2		ug/L	U	YES																

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4709-MORIAHRD

Sample Date : 08/12/2004

Lab Sample ID: N74914-11

Lab Report Batch : N74914

Analysis Type: RE

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B				Dilution: 1.00																	
Aluminum	200		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4709-MORIAHRD

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-11

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B			Dilution: 1.00																		
Antimony	5		ug/L	U	YES																
Arsenic	5		ug/L	U	YES																
Barium	5.7		ug/L	B	YES	UJ			U					J							12,6
Cadmium	4		ug/L	U	YES																
Calcium	170		ug/L	B	YES	J								J							12
Chromium	10		ug/L	U	YES																
Cobalt	50		ug/L	U	YES																
Copper	11.8		ug/L	B	YES	J								J							12
Iron	162		ug/L		YES																
Lead	3		ug/L	U	YES																
Magnesium	13.8		ug/L	B	YES	J								J							12
Manganese	2.7		ug/L	B	YES	J								J							12
Nickel	40		ug/L	U	YES																
Potassium	5000		ug/L	U	YES																
Selenium	5		ug/L	U	YES																
Silver	10		ug/L	U	YES																
Sodium	87100		ug/L		YES																
Vanadium	50		ug/L	U	YES																
Zinc	10		ug/L	B	YES	J								J							12
Analysis Method : 6020			Dilution: 2.00																		
Beryllium	2		ug/L	U	YES																
Thallium	1		ug/L	U	YES																
Analysis Method : 7470A			Dilution: 1.00																		
Mercury	0.2		ug/L	U	YES																
Analysis Method : 8081A			Dilution: 1.00																		
4,4'-DDD	0.022		ug/L	U	YES																
4,4'-DDE	0.022		ug/L	U	YES																
4,4'-DDT	0.022		ug/L	U	YES																
Aldrin	0.022		ug/L	U	YES																

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4709-MORIAHRD  
Sample Date : 08/12/2004  
Lab Sample ID: N74914-11

Lab Report Batch : N74914  
Analysis Type: RES

Lab ID : ACTD  
Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8081A					Dilution: 1.00																
alpha-BHC	0.022		ug/L	U	YES																
alpha-Chlordane	0.022		ug/L	U	YES																
beta-BHC	0.022		ug/L	U	YES																
delta-BHC	0.022		ug/L	U	YES																
Dieldrin	0.022		ug/L	U	YES																
Endosulfan I	0.022		ug/L	U	YES																
Endosulfan II	0.022		ug/L	U	YES																
Endosulfan sulfate	0.022		ug/L	U	YES																
Endrin	0.022		ug/L	U	YES																
Endrin aldehyde	0.022		ug/L	U	YES																
Endrin ketone	0.056		ug/L	U	YES																
gamma-BHC	0.022		ug/L	U	YES																
gamma-Chlordane	0.022		ug/L	U	YES																
Heptachlor	0.022		ug/L	U	YES																
Heptachlor epoxide	0.022		ug/L	U	YES																
Methoxychlor	0.056		ug/L	U	YES																
Toxaphene	0.28		ug/L	U	YES																
Analysis Method : 8082					Dilution: 1.00																
Aroclor 1016	0.56		ug/L	U	YES																
Aroclor 1221	0.56		ug/L	U	YES																
Aroclor 1232	0.56		ug/L	U	YES																
Aroclor 1242	0.56		ug/L	U	YES																
Aroclor 1248	0.56		ug/L	U	YES																
Aroclor 1254	0.56		ug/L	U	YES																
Aroclor 1260	0.56		ug/L	U	YES																
Aroclor 1262	0.56		ug/L	U	YES																
Aroclor 1268	0.56		ug/L	U	YES																
Analysis Method : 8151A					Dilution: 1.00																
2,4,5-T	0.22		ug/L	U	YES																

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4709-MORIAHRD

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-11

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8151A				Dilution: 1.00																	
2,4,5-TP (Silvex)	0.17		ug/L	U	YES																
2,4-D	0.56		ug/L	U	YES																
Pentachlorophenol	0.17		ug/L	U	YES																
Analysis Method : 8260B				Dilution: 1.00																	
1,1,1-Trichloroethane	1		ug/L	U	YES																
1,1,2,2-Tetrachloroethane	1		ug/L	U	YES																
1,1,2-Trichloroethane	1		ug/L	U	YES																
1,1-Dichloroethane	1		ug/L	U	YES																
1,1-Dichloroethene	1		ug/L	U	YES																
1,2,3-Trichlorobenzene	5		ug/L	U	YES																
1,2,4-Trichlorobenzene	5		ug/L	U	YES																
1,2-Dibromo-3-chloropropane	10		ug/L	U	YES																
1,2-Dibromoethane	2		ug/L	U	YES																
1,2-Dichlorobenzene	1		ug/L	U	YES																
1,2-Dichloroethane	1		ug/L	U	YES																
1,2-Dichloropropane	1		ug/L	U	YES																
1,3-Dichlorobenzene	1		ug/L	U	YES																
1,4-Dichlorobenzene	1		ug/L	U	YES																
2-Butanone	10		ug/L	U	YES																
2-Hexanone	5		ug/L	U	YES																
4-METHYL-2-PENTANONE	5		ug/L	U	YES																
Acetone	10		ug/L	U	YES																
Benzene	1		ug/L	U	YES																
Bromochloromethane	5		ug/L	U	YES																
Bromodichloromethane	1		ug/L	U	YES																
Bromoform	4		ug/L	U	YES																
Bromomethane	2		ug/L	U	YES																
Carbon disulfide	2		ug/L	U	YES																
Carbon tetrachloride	1		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-4709-MORIAHRD

**Lab Report Batch :** N74914

**Lab ID :** ACTD

**Sample Date :** 08/12/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74914-11

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8260B</b>						<b>Dilution: 1.00</b>															
Chlorobenzene	1		ug/L	U	YES																
Chloroethane	1		ug/L	U	YES																
Chloroform	1		ug/L	U	YES																
Chloromethane	1		ug/L	U	YES																
cis-1,2-Dichloroethene	1		ug/L	U	YES																
cis-1,3-Dichloropropene	1		ug/L	U	YES																
Cyclohexane	5		ug/L	U	YES																
Dibromochloromethane	1		ug/L	U	YES																
Dichlorodifluoromethane	5		ug/L	U	YES																
Ethylbenzene	1		ug/L	U	YES																
Freon 113	5		ug/L	U	YES																
Isopropylbenzene	2		ug/L	U	YES																
M,P-XYLENE	1		ug/L	U	YES																
Methyl Acetate	5		ug/L	U	YES																
Methyl tert-butyl ether	1		ug/L	U	YES																
Methylcyclohexane	5		ug/L	U	YES																
Methylene chloride	2		ug/L	U	YES																
o-Xylene	1		ug/L	U	YES																
Styrene	5		ug/L	U	YES																
Tetrachloroethene	1		ug/L	U	YES																
Toluene	1		ug/L	U	YES																
Total Xylenes	1		ug/L	U	YES																
trans-1,2-Dichloroethene	1		ug/L	U	YES																
trans-1,3-Dichloropropene	1		ug/L	U	YES																
Trichloroethene	1		ug/L	U	YES																
Trichlorofluoromethane	5		ug/L	U	YES																
Vinyl chloride	1		ug/L	U	YES																
<b>Analysis Method : 8270C</b>						<b>Dilution: 1.00</b>															
1,2,4,5-Tetrachlorobenzene	5.3		ug/L	U	YES																

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**Library Used:** FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-4709-MORIAHRD

**Lab Report Batch :** N74914

**Lab ID :** ACTD

**Sample Date :** 08/12/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74914-11

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8270C</b>						<b>Dilution: 1.00</b>															
1,4-Dioxane	2.1		ug/L	U	YES																
2,3,4,6-Tetrachlorophenol	5.3		ug/L	U	YES																
2,4,5-Trichlorophenol	5.3		ug/L	U	YES																
2,4,6-Trichlorophenol	5.3		ug/L	U	YES																
2,4-Dichlorophenol	5.3		ug/L	U	YES																
2,4-Dimethylphenol	5.3		ug/L	U	YES																
2,4-Dinitrophenol	21		ug/L	U	YES																
2,4-Dinitrotoluene	2.1		ug/L	U	YES																
2,6-Dinitrotoluene	2.1		ug/L	U	YES																
2-Chloronaphthalene	5.3		ug/L	U	YES																
2-Chlorophenol	5.3		ug/L	U	YES																
2-Methyl-4,6-dinitrophenol	21		ug/L	U	YES																
2-Methylnaphthalene	2.1		ug/L	U	YES																
2-Methylphenol	5.3		ug/L	U	YES																
2-Nitroaniline	5.3		ug/L	U	YES																
2-Nitrophenol	5.3		ug/L	U	YES																
3&4-Methylphenol	5.3		ug/L	U	YES																
3,3'-Dichlorobenzidine	5.3		ug/L	U	YES																
3-Nitroaniline	5.3		ug/L	U	YES																
4-Bromophenyl phenyl ether	2.1		ug/L	U	YES																
4-Chloro-3-methylphenol	5.3		ug/L	U	YES																
4-Chloroaniline	5.3		ug/L	U	YES																
4-Chlorophenyl phenyl ether	2.1		ug/L	U	YES																
4-Nitroaniline	5.3		ug/L	U	YES																
4-Nitrophenol	21		ug/L	U	YES																
Acenaphthene	2.1		ug/L	U	YES																
Acenaphthylene	2.1		ug/L	U	YES																
Acetophenone	5.3		ug/L	U	YES																
Anthracene	2.1		ug/L	U	YES																

**Project Number and Name:** ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review



# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-4709-MORIAHRD

**Lab Report Batch :** N74914

**Lab ID :** ACTD

**Sample Date :** 08/12/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74914-11

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8270C</b>						<b>Dilution: 1.00</b>															
Atrazine	5.3		ug/L	U	YES																
Benzaldehyde	5.3		ug/L	U	YES																
Benzo(a)anthracene	2.1		ug/L	U	YES																
Benzo(a)pyrene	2.1		ug/L	U	YES																
Benzo(b)fluoranthene	2.1		ug/L	U	YES																
Benzo(g,h,i)perylene	2.1		ug/L	U	YES																
Benzo(k)fluoranthene	2.1		ug/L	U	YES																
BIPHENYL	2.1		ug/L	U	YES																
bis(2-Chloroethoxy)methane	2.1		ug/L	U	YES																
Bis(2-chloroethyl) ether	2.1		ug/L	U	YES																
Bis(2-chloroisopropyl) ether	2.1		ug/L	U	YES																
Bis(2-ethylhexyl) phthalate	2.1		ug/L	U	YES																
Butylbenzyl phthalate	2.1		ug/L	U	YES																
Caprolactam	2.1		ug/L	U	YES																
Carbazole	2.1		ug/L	U	YES																
Chrysene	2.1		ug/L	U	YES																
Dibenz(a,h)anthracene	2.1		ug/L	U	YES																
Dibenzofuran	5.3		ug/L	U	YES																
Diethyl phthalate	2.1		ug/L	U	YES																
Dimethyl phthalate	2.1		ug/L	U	YES																
Di-n-butyl phthalate	2.1		ug/L	U	YES																
Di-n-octyl phthalate	2.1		ug/L	U	YES																
Fluoranthene	2.1		ug/L	U	YES																
Fluorene	2.1		ug/L	U	YES																
Hexachlorobenzene	2.1		ug/L	U	YES																
Hexachlorobutadiene	2.1		ug/L	U	YES																
Hexachlorocyclopentadiene	21		ug/L	U	YES																
Hexachloroethane	5.3		ug/L	U	YES																
Indeno(1,2,3-cd)pyrene	2.1		ug/L	U	YES																

**Project Number and Name:** ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4709-MORIAHRD

Sample Date : 08/12/2004

Lab Sample ID: N74914-11

Lab Report Batch : N74914

Analysis Type: RES

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8270C				Dilution: 1.00																	
Isophorone	2.1		ug/L	U	YES																
Naphthalene	2.1		ug/L	U	YES																
Nitrobenzene	2.1		ug/L	U	YES																
N-Nitroso-di-n-propylamine	2.1		ug/L	U	YES																
N-Nitrosodiphenylamine	5.3		ug/L	U	YES																
Phenanthrene	2.1		ug/L	U	YES																
Phenol	5.3		ug/L	U	YES																
Pyrene	2.1		ug/L	U	YES																
Analysis Method : 9012A				Dilution: 1.00																	
Cyanide	0.01		mg/l	U	YES																

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4709-MORIAHRD

Sample Date : 08/12/2004

Lab Sample ID: N74914-11F

Lab Report Batch : N74914

Analysis Type: RE/DIS

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B				Dilution: 1.00																	
Aluminum	200		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4709-MORIAHRD

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/12/2004

Analysis Type: RES/DIS

Sample Matrix : AQ

Lab Sample ID: N74914-11F

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B						Dilution: 1.00															
Antimony	5		ug/L	U	YES																
Arsenic	5		ug/L	U	YES																
Barium	200		ug/L	U	YES																
Cadmium	4		ug/L	U	YES																
Calcium	234		ug/L	B	YES	J								J							12
Chromium	10		ug/L	U	YES																
Cobalt	50		ug/L	U	YES																
Copper	8.7		ug/L	B	YES	J								J							12
Iron	100		ug/L	U	YES																
Lead	3		ug/L	U	YES																
Magnesium	16.7		ug/L	B	YES	J								J							12
Manganese	15		ug/L	U	YES																
Nickel	40		ug/L	U	YES																
Potassium	5000		ug/L	U	YES																
Selenium	5		ug/L	U	YES																
Silver	10		ug/L	U	YES																
Sodium	90200		ug/L		YES																
Vanadium	50		ug/L	U	YES																
Zinc	10.7		ug/L	B	YES	J								J							12
Analysis Method : 6020						Dilution: 2.00															
Beryllium	2		ug/L	U	YES																
Thallium	1		ug/L	U	YES																
Analysis Method : 7470A						Dilution: 1.00															
Mercury	0.2		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

ADR 6.1

Report Date: 9/29/2004 08:46

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4710-MORIAHRD

Sample Date : 08/12/2004

Lab Sample ID: N74914-10

Lab Report Batch : N74914

Analysis Type: RE

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B				Dilution: 1.00																	
Aluminum	695		ug/L		YES																
Antimony	5		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4710-MORIAHRD

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-10

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B				Dilution: 1.00																	
Arsenic	5		ug/L	U	YES																
Barium	17		ug/L	B	YES	J								J							12
Cadmium	4		ug/L	U	YES																
Calcium	65200		ug/L		YES																
Chromium	1.6		ug/L	B	YES	J								J							12
Cobalt	50		ug/L	U	YES																
Copper	50.4		ug/L		YES																
Iron	3290		ug/L		YES																
Lead	5.9		ug/L		YES																
Magnesium	8510		ug/L		YES																
Manganese	310		ug/L		YES																
Nickel	40		ug/L	U	YES																
Potassium	1660		ug/L	B	YES	J								J							12
Selenium	5		ug/L	U	YES																
Silver	10		ug/L	U	YES																
Sodium	17700		ug/L		YES																
Vanadium	2.4		ug/L	B	YES	J								J							12
Zinc	102		ug/L		YES																
Analysis Method : 6020				Dilution: 2.00																	
Beryllium	2		ug/L	U	YES																
Thallium	1		ug/L	U	YES																
Analysis Method : 7470A				Dilution: 1.00																	
Mercury	0.2		ug/L	U	YES																
Analysis Method : 8081A				Dilution: 1.00																	
4,4'-DDD	0.022		ug/L	U	YES																
4,4'-DDE	0.022		ug/L	U	YES																
4,4'-DDT	0.022		ug/L	U	YES																
Aldrin	0.022		ug/L	U	YES																
alpha-BHC	0.022		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

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Report Date: 9/29/2004 08:46

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4710-MORIAHRD

Sample Date : 08/12/2004

Lab Sample ID: N74914-10

Lab Report Batch : N74914

Analysis Type: RES

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8081A					Dilution: 1.00																
alpha-Chlordane	0.022		ug/L	U	YES																
beta-BHC	0.022		ug/L	U	YES																
delta-BHC	0.022		ug/L	U	YES																
Dieldrin	0.022		ug/L	U	YES																
Endosulfan I	0.022		ug/L	U	YES																
Endosulfan II	0.022		ug/L	U	YES																
Endosulfan sulfate	0.022		ug/L	U	YES																
Endrin	0.022		ug/L	U	YES																
Endrin aldehyde	0.022		ug/L	U	YES																
Endrin ketone	0.054		ug/L	U	YES																
gamma-BHC	0.022		ug/L	U	YES																
gamma-Chlordane	0.022		ug/L	U	YES																
Heptachlor	0.022		ug/L	U	YES																
Heptachlor epoxide	0.022		ug/L	U	YES																
Methoxychlor	0.054		ug/L	U	YES																
Toxaphene	0.27		ug/L	U	YES																
Analysis Method : 8082					Dilution: 1.00																
Aroclor 1016	0.54		ug/L	U	YES																
Aroclor 1221	0.54		ug/L	U	YES																
Aroclor 1232	0.54		ug/L	U	YES																
Aroclor 1242	0.54		ug/L	U	YES																
Aroclor 1248	0.54		ug/L	U	YES																
Aroclor 1254	0.54		ug/L	U	YES																
Aroclor 1260	0.54		ug/L	U	YES																
Aroclor 1262	0.54		ug/L	U	YES																
Aroclor 1268	0.54		ug/L	U	YES																
Analysis Method : 8151A					Dilution: 1.00																
2,4,5-T	0.22		ug/L	U	YES																
2,4,5-TP (Silvex)	0.17		ug/L	U	YES																

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4710-MORIAHRD

Sample Date : 08/12/2004

Lab Sample ID: N74914-10

Lab Report Batch : N74914

Analysis Type: RES

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8151A					Dilution: 1.00																
2,4-D	0.56		ug/L	U	YES																
Pentachlorophenol	0.17		ug/L	U	YES																
Analysis Method : 8260B					Dilution: 1.00																
1,1,1-Trichloroethane	1		ug/L	U	YES																
1,1,1,2-Tetrachloroethane	1		ug/L	U	YES																
1,1,1,2-Trichloroethane	1		ug/L	U	YES																
1,1-Dichloroethane	1		ug/L	U	YES																
1,1-Dichloroethene	1		ug/L	U	YES																
1,2,3-Trichlorobenzene	5		ug/L	U	YES																
1,2,4-Trichlorobenzene	5		ug/L	U	YES																
1,2-Dibromo-3-chloropropane	10		ug/L	U	YES																
1,2-Dibromoethane	2		ug/L	U	YES																
1,2-Dichlorobenzene	1		ug/L	U	YES																
1,2-Dichloroethane	1		ug/L	U	YES																
1,2-Dichloropropane	1		ug/L	U	YES																
1,3-Dichlorobenzene	1		ug/L	U	YES																
1,4-Dichlorobenzene	1		ug/L	U	YES																
2-Butanone	10		ug/L	U	YES																
2-Hexanone	5		ug/L	U	YES																
4-METHYL-2-PENTANONE	5		ug/L	U	YES																
Acetone	10		ug/L	U	YES																
Benzene	1		ug/L	U	YES																
Bromochloromethane	5		ug/L	U	YES																
Bromodichloromethane	1		ug/L	U	YES																
Bromoform	4		ug/L	U	YES																
Bromomethane	2		ug/L	U	YES																
Carbon disulfide	2		ug/L	U	YES																
Carbon tetrachloride	1		ug/L	U	YES																
Chlorobenzene	1		ug/L	U	YES																



# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-4710-MORIAHRD

**Lab Report Batch :** N74914

**Lab ID :** ACTD

**Sample Date :** 08/12/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74914-10

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8260B</b>				<b>Dilution: 1.00</b>																	
Chloroethane	1		ug/L	U	YES																
Chloroform	1		ug/L	U	YES																
Chloromethane	1		ug/L	U	YES																
cis-1,2-Dichloroethene	1		ug/L	U	YES																
cis-1,3-Dichloropropene	1		ug/L	U	YES																
Cyclohexane	5		ug/L	U	YES																
Dibromochloromethane	1		ug/L	U	YES																
Dichlorodifluoromethane	5		ug/L	U	YES																
Ethylbenzene	1		ug/L	U	YES																
Freon 113	5		ug/L	U	YES																
Isopropylbenzene	2		ug/L	U	YES																
M,P-XYLENE	1		ug/L	U	YES																
Methyl Acetate	5		ug/L	U	YES																
Methyl tert-butyl ether	71.1		ug/L		YES																
Methylcyclohexane	5		ug/L	U	YES																
Methylene chloride	2		ug/L	U	YES																
o-Xylene	1		ug/L	U	YES																
Styrene	5		ug/L	U	YES																
Tetrachloroethene	1		ug/L	U	YES																
Toluene	1		ug/L	U	YES																
Total Xylenes	1		ug/L	U	YES																
trans-1,2-Dichloroethene	1		ug/L	U	YES																
trans-1,3-Dichloropropene	1		ug/L	U	YES																
Trichloroethene	1		ug/L	U	YES																
Trichlorofluoromethane	5		ug/L	U	YES																
Vinyl chloride	1		ug/L	U	YES																
<b>Analysis Method : 8270C</b>				<b>Dilution: 1.00</b>																	
1,2,4,5-Tetrachlorobenzene	5.2		ug/L	U	YES																
1,4-Dioxane	2.1		ug/L	U	YES																

**Project Number and Name:** ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** FormerCampButner - Sep03

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Report Date: 9/29/2004 08:46

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4710-MORIAHRD

Sample Date : 08/12/2004

Lab Sample ID: N74914-10

Lab Report Batch : N74914

Analysis Type: RES

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8270C						Dilution: 1.00															
2,3,4,6-Tetrachlorophenol	5.2		ug/L	U	YES																
2,4,5-Trichlorophenol	5.2		ug/L	U	YES																
2,4,6-Trichlorophenol	5.2		ug/L	U	YES																
2,4-Dichlorophenol	5.2		ug/L	U	YES																
2,4-Dimethylphenol	5.2		ug/L	U	YES																
2,4-Dinitrophenol	21		ug/L	U	YES																
2,4-Dinitrotoluene	2.1		ug/L	U	YES																
2,6-Dinitrotoluene	2.1		ug/L	U	YES																
2-Chloronaphthalene	5.2		ug/L	U	YES																
2-Chlorophenol	5.2		ug/L	U	YES																
2-Methyl-4,6-dinitrophenol	21		ug/L	U	YES																
2-Methylnaphthalene	2.1		ug/L	U	YES																
2-Methylphenol	5.2		ug/L	U	YES																
2-Nitroaniline	5.2		ug/L	U	YES																
2-Nitrophenol	5.2		ug/L	U	YES																
3&4-Methylphenol	5.2		ug/L	U	YES																
3,3'-Dichlorobenzidine	5.2		ug/L	U	YES																
3-Nitroaniline	5.2		ug/L	U	YES																
4-Bromophenyl phenyl ether	2.1		ug/L	U	YES																
4-Chloro-3-methylphenol	5.2		ug/L	U	YES																
4-Chloroaniline	5.2		ug/L	U	YES																
4-Chlorophenyl phenyl ether	2.1		ug/L	U	YES																
4-Nitroaniline	5.2		ug/L	U	YES																
4-Nitrophenol	21		ug/L	U	YES																
Acenaphthene	2.1		ug/L	U	YES																
Acenaphthylene	2.1		ug/L	U	YES																
Acetophenone	5.2		ug/L	U	YES																
Anthracene	2.1		ug/L	U	YES																
Atrazine	5.2		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4710-MORIAHRD

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-10

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8270C						Dilution: 1.00															
Benzaldehyde	5.2		ug/L	U	YES																
Benzo(a)anthracene	2.1		ug/L	U	YES																
Benzo(a)pyrene	2.1		ug/L	U	YES																
Benzo(b)fluoranthene	2.1		ug/L	U	YES																
Benzo(g,h,i)perylene	2.1		ug/L	U	YES																
Benzo(k)fluoranthene	2.1		ug/L	U	YES																
BIPHENYL	2.1		ug/L	U	YES																
bis(2-Chloroethoxy)methane	2.1		ug/L	U	YES																
Bis(2-chloroethyl) ether	2.1		ug/L	U	YES																
Bis(2-chloroisopropyl) ether	2.1		ug/L	U	YES																
Bis(2-ethylhexyl) phthalate	2.1		ug/L	U	YES																
Butylbenzyl phthalate	2.1		ug/L	U	YES																
Caprolactam	2.1		ug/L	U	YES																
Carbazole	2.1		ug/L	U	YES																
Chrysene	2.1		ug/L	U	YES																
Dibenz(a,h)anthracene	2.1		ug/L	U	YES																
Dibenzofuran	5.2		ug/L	U	YES																
Diethyl phthalate	2.1		ug/L	U	YES																
Dimethyl phthalate	2.1		ug/L	U	YES																
Di-n-butyl phthalate	2.1		ug/L	U	YES																
Di-n-octyl phthalate	2.1		ug/L	U	YES																
Fluoranthene	2.1		ug/L	U	YES																
Fluorene	2.1		ug/L	U	YES																
Hexachlorobenzene	2.1		ug/L	U	YES																
Hexachlorobutadiene	2.1		ug/L	U	YES																
Hexachlorocyclopentadiene	21		ug/L	U	YES																
Hexachloroethane	5.2		ug/L	U	YES																
Indeno(1,2,3-cd)pyrene	2.1		ug/L	U	YES																
Isophorone	2.1		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

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Report Date: 9/29/2004 08:46

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4710-MORIAHRD

Sample Date : 08/12/2004

Lab Sample ID: N74914-10

Lab Report Batch : N74914

Analysis Type: RES

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8270C						Dilution: 1.00															
Naphthalene	2.1		ug/L	U	YES																
Nitrobenzene	2.1		ug/L	U	YES																
N-Nitroso-di-n-propylamine	2.1		ug/L	U	YES																
N-Nitrosodiphenylamine	5.2		ug/L	U	YES																
Phenanthrene	2.1		ug/L	U	YES																
Phenol	5.2		ug/L	U	YES																
Pyrene	2.1		ug/L	U	YES																
Analysis Method : 9012A						Dilution: 1.00															
Cyanide	0.01		mg/l	U	YES																

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4710-MORIAHRD

Sample Date : 08/12/2004

Lab Sample ID: N74914-10F

Lab Report Batch : N74914

Analysis Type: RE/DIS

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B				Dilution: 1.00																	
Aluminum	200		ug/L	U	YES																

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-4710-MORIAHRD  
Sample Date : 08/12/2004  
Lab Sample ID: N74914-10F

Lab Report Batch : N74914  
Analysis Type: RES/DIS

Lab ID : ACTD  
Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B				Dilution: 1.00																	
Antimony	5		ug/L	U	YES																
Arsenic	5		ug/L	U	YES																
Barium	9.3		ug/L	B	YES	J								J							12
Cadmium	4		ug/L	U	YES																
Calcium	59900		ug/L		YES																
Chromium	10		ug/L	U	YES																
Cobalt	50		ug/L	U	YES																
Copper	5.5		ug/L	B	YES	UJ			U					J							12,6
Iron	100		ug/L	U	YES																
Lead	3		ug/L	U	YES																
Magnesium	7750		ug/L		YES																
Manganese	11.5		ug/L	B	YES	J								J							12
Nickel	40		ug/L	U	YES																
Potassium	1610		ug/L	B	YES	J								J							12
Selenium	5		ug/L	U	YES																
Silver	10		ug/L	U	YES																
Sodium	17900		ug/L		YES																
Vanadium	50		ug/L	U	YES																
Zinc	61.9		ug/L		YES																
Analysis Method : 6020				Dilution: 2.00																	
Beryllium	2		ug/L	U	YES																
Thallium	1		ug/L	U	YES																
Analysis Method : 7470A				Dilution: 1.00																	
Mercury	0.2		ug/L	U	YES																

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-5057-CLAYTONRD

Sample Date : 08/12/2004

Lab Sample ID: N74914-12

Lab Report Batch : N74914

Analysis Type: RE

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B				Dilution: 1.00																	
Aluminum	354		ug/L		YES																
Antimony	5		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-5057-CLAYTONRD

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-12

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B				Dilution: 1.00																	
Arsenic	5		ug/L	U	YES																
Barium	52.4		ug/L	B	YES	J								J							12
Cadmium	4		ug/L	U	YES																
Calcium	15600		ug/L		YES																
Chromium	10		ug/L	U	YES																
Cobalt	50		ug/L	U	YES																
Copper	25.6		ug/L		YES																
Iron	3210		ug/L		YES																
Lead	3		ug/L	U	YES																
Magnesium	4570		ug/L	B	YES	J								J							12
Manganese	222		ug/L		YES																
Nickel	3.5		ug/L	B	YES	J								J							12
Potassium	1800		ug/L	B	YES	J								J							12
Selenium	5		ug/L	U	YES																
Silver	10		ug/L	U	YES																
Sodium	16800		ug/L		YES																
Vanadium	50		ug/L	U	YES																
Zinc	156		ug/L		YES																
Analysis Method : 6020				Dilution: 2.00																	
Beryllium	2		ug/L	U	YES																
Thallium	1		ug/L	U	YES																
Analysis Method : 7470A				Dilution: 1.00																	
Mercury	0.2		ug/L	U	YES																
Analysis Method : 8081A				Dilution: 1.00																	
4,4'-DDD	0.022		ug/L	U	YES																
4,4'-DDE	0.022		ug/L	U	YES																
4,4'-DDT	0.022		ug/L	U	YES																
Aldrin	0.022		ug/L	U	YES																
alpha-BHC	0.022		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

ADR 6.1

Report Date: 9/29/2004 08:46

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review



# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-5057-CLAYTONRD

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-12

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8081A						Dilution: 1.00															
alpha-Chlordane	0.022		ug/L	U	YES																
beta-BHC	0.022		ug/L	U	YES																
delta-BHC	0.022		ug/L	U	YES																
Dieldrin	0.022		ug/L	U	YES																
Endosulfan I	0.022		ug/L	U	YES																
Endosulfan II	0.022		ug/L	U	YES																
Endosulfan sulfate	0.022		ug/L	U	YES																
Endrin	0.022		ug/L	U	YES																
Endrin aldehyde	0.022		ug/L	U	YES																
Endrin ketone	0.056		ug/L	U	YES																
gamma-BHC	0.022		ug/L	U	YES																
gamma-Chlordane	0.022		ug/L	U	YES																
Heptachlor	0.022		ug/L	U	YES																
Heptachlor epoxide	0.022		ug/L	U	YES																
Methoxychlor	0.056		ug/L	U	YES																
Toxaphene	0.28		ug/L	U	YES																
Analysis Method : 8082						Dilution: 1.00															
Aroclor 1016	0.56		ug/L	U	YES																
Aroclor 1221	0.56		ug/L	U	YES																
Aroclor 1232	0.56		ug/L	U	YES																
Aroclor 1242	0.56		ug/L	U	YES																
Aroclor 1248	0.56		ug/L	U	YES																
Aroclor 1254	0.56		ug/L	U	YES																
Aroclor 1260	0.56		ug/L	U	YES																
Aroclor 1262	0.56		ug/L	U	YES																
Aroclor 1268	0.56		ug/L	U	YES																
Analysis Method : 8151A						Dilution: 1.00															
2,4,5-T	0.22		ug/L	U	YES																
2,4,5-TP (Silvex)	0.17		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

ADR 6.1

Report Date: 9/29/2004 08:46

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-5057-CLAYTONRD

Sample Date : 08/12/2004

Lab Sample ID: N74914-12

Lab Report Batch : N74914

Analysis Type: RES

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8151A					Dilution: 1.00																
2,4-D	0.56		ug/L	U	YES																
Pentachlorophenol	0.17		ug/L	U	YES																
Analysis Method : 8260B					Dilution: 1.00																
1,1,1-Trichloroethane	1		ug/L	U	YES																
1,1,1,2-Tetrachloroethane	1		ug/L	U	YES																
1,1,1,2-Trichloroethane	1		ug/L	U	YES																
1,1-Dichloroethane	1		ug/L	U	YES																
1,1-Dichloroethene	1		ug/L	U	YES																
1,2,3-Trichlorobenzene	5		ug/L	U	YES																
1,2,4-Trichlorobenzene	5		ug/L	U	YES																
1,2-Dibromo-3-chloropropane	10		ug/L	U	YES																
1,2-Dibromoethane	2		ug/L	U	YES																
1,2-Dichlorobenzene	1		ug/L	U	YES																
1,2-Dichloroethane	1		ug/L	U	YES																
1,2-Dichloropropane	1		ug/L	U	YES																
1,3-Dichlorobenzene	1		ug/L	U	YES																
1,4-Dichlorobenzene	1		ug/L	U	YES																
2-Butanone	10		ug/L	U	YES																
2-Hexanone	5		ug/L	U	YES																
4-METHYL-2-PENTANONE	5		ug/L	U	YES																
Acetone	10		ug/L	U	YES																
Benzene	1		ug/L	U	YES																
Bromochloromethane	5		ug/L	U	YES																
Bromodichloromethane	1		ug/L	U	YES																
Bromoform	4		ug/L	U	YES																
Bromomethane	2		ug/L	U	YES																
Carbon disulfide	2		ug/L	U	YES																
Carbon tetrachloride	1		ug/L	U	YES																
Chlorobenzene	1		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-5057-CLAYTONRD

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-12

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8260B						Dilution: 1.00															
Chloroethane	1		ug/L	U	YES																
Chloroform	1		ug/L	U	YES																
Chloromethane	1		ug/L	U	YES																
cis-1,2-Dichloroethene	1		ug/L	U	YES																
cis-1,3-Dichloropropene	1		ug/L	U	YES																
Cyclohexane	5		ug/L	U	YES																
Dibromochloromethane	1		ug/L	U	YES																
Dichlorodifluoromethane	5		ug/L	U	YES																
Ethylbenzene	1		ug/L	U	YES																
Freon 113	5		ug/L	U	YES																
Isopropylbenzene	2		ug/L	U	YES																
M,P-XYLENE	1		ug/L	U	YES																
Methyl Acetate	5		ug/L	U	YES																
Methyl tert-butyl ether	1		ug/L	U	YES																
Methylcyclohexane	5		ug/L	U	YES																
Methylene chloride	2		ug/L	U	YES																
o-Xylene	1		ug/L	U	YES																
Styrene	5		ug/L	U	YES																
Tetrachloroethene	1		ug/L	U	YES																
Toluene	1		ug/L	U	YES																
Total Xylenes	1		ug/L	U	YES																
trans-1,2-Dichloroethene	1		ug/L	U	YES																
trans-1,3-Dichloropropene	1		ug/L	U	YES																
Trichloroethene	1		ug/L	U	YES																
Trichlorofluoromethane	5		ug/L	U	YES																
Vinyl chloride	1		ug/L	U	YES																
Analysis Method : 8270C						Dilution: 1.00															
1,2,4,5-Tetrachlorobenzene	5.3		ug/L	U	YES																
1,4-Dioxane	2.1		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

ADR 6.1

Report Date: 9/29/2004 08:46

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-5057-CLAYTONRD

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-12

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8270C						Dilution: 1.00															
2,3,4,6-Tetrachlorophenol	5.3		ug/L	U	YES																
2,4,5-Trichlorophenol	5.3		ug/L	U	YES																
2,4,6-Trichlorophenol	5.3		ug/L	U	YES																
2,4-Dichlorophenol	5.3		ug/L	U	YES																
2,4-Dimethylphenol	5.3		ug/L	U	YES																
2,4-Dinitrophenol	21		ug/L	U	YES																
2,4-Dinitrotoluene	2.1		ug/L	U	YES																
2,6-Dinitrotoluene	2.1		ug/L	U	YES																
2-Chloronaphthalene	5.3		ug/L	U	YES																
2-Chlorophenol	5.3		ug/L	U	YES																
2-Methyl-4,6-dinitrophenol	21		ug/L	U	YES																
2-Methylnaphthalene	2.1		ug/L	U	YES																
2-Methylphenol	5.3		ug/L	U	YES																
2-Nitroaniline	5.3		ug/L	U	YES																
2-Nitrophenol	5.3		ug/L	U	YES																
3&4-Methylphenol	5.3		ug/L	U	YES																
3,3'-Dichlorobenzidine	5.3		ug/L	U	YES																
3-Nitroaniline	5.3		ug/L	U	YES																
4-Bromophenyl phenyl ether	2.1		ug/L	U	YES																
4-Chloro-3-methylphenol	5.3		ug/L	U	YES																
4-Chloroaniline	5.3		ug/L	U	YES																
4-Chlorophenyl phenyl ether	2.1		ug/L	U	YES																
4-Nitroaniline	5.3		ug/L	U	YES																
4-Nitrophenol	21		ug/L	U	YES																
Acenaphthene	2.1		ug/L	U	YES																
Acenaphthylene	2.1		ug/L	U	YES																
Acetophenone	5.3		ug/L	U	YES																
Anthracene	2.1		ug/L	U	YES																
Atrazine	5.3		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-5057-CLAYTONRD

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-12

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8270C						Dilution: 1.00															
Benzaldehyde	5.3		ug/L	U	YES																
Benzo(a)anthracene	2.1		ug/L	U	YES																
Benzo(a)pyrene	2.1		ug/L	U	YES																
Benzo(b)fluoranthene	2.1		ug/L	U	YES																
Benzo(g,h,i)perylene	2.1		ug/L	U	YES																
Benzo(k)fluoranthene	2.1		ug/L	U	YES																
BIPHENYL	2.1		ug/L	U	YES																
bis(2-Chloroethoxy)methane	2.1		ug/L	U	YES																
Bis(2-chloroethyl) ether	2.1		ug/L	U	YES																
Bis(2-chloroisopropyl) ether	2.1		ug/L	U	YES																
Bis(2-ethylhexyl) phthalate	7.9		ug/L		YES																
Butylbenzyl phthalate	2.1		ug/L	U	YES																
Caprolactam	2.1		ug/L	U	YES																
Carbazole	2.1		ug/L	U	YES																
Chrysene	2.1		ug/L	U	YES																
Dibenz(a,h)anthracene	2.1		ug/L	U	YES																
Dibenzofuran	5.3		ug/L	U	YES																
Diethyl phthalate	2.1		ug/L	U	YES																
Dimethyl phthalate	2.1		ug/L	U	YES																
Di-n-butyl phthalate	2.1		ug/L	U	YES																
Di-n-octyl phthalate	2.1		ug/L	U	YES																
Fluoranthene	2.1		ug/L	U	YES																
Fluorene	2.1		ug/L	U	YES																
Hexachlorobenzene	2.1		ug/L	U	YES																
Hexachlorobutadiene	2.1		ug/L	U	YES																
Hexachlorocyclopentadiene	21		ug/L	U	YES																
Hexachloroethane	5.3		ug/L	U	YES																
Indeno(1,2,3-cd)pyrene	2.1		ug/L	U	YES																
Isophorone	2.1		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

ADR 6.1

Report Date: 9/29/2004 08:46

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-5057-CLAYTONRD

Sample Date : 08/12/2004

Lab Sample ID: N74914-12

Lab Report Batch : N74914

Analysis Type: RES

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8270C						Dilution: 1.00															
Naphthalene	2.1		ug/L	U	YES																
Nitrobenzene	2.1		ug/L	U	YES																
N-Nitroso-di-n-propylamine	2.1		ug/L	U	YES																
N-Nitrosodiphenylamine	5.3		ug/L	U	YES																
Phenanthrene	2.1		ug/L	U	YES																
Phenol	5.3		ug/L	U	YES																
Pyrene	2.1		ug/L	U	YES																
Analysis Method : 9012A						Dilution: 1.00															
Cyanide	0.01		mg/l	U	YES																

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-5057-CLAYTONRD

Sample Date : 08/12/2004

Lab Sample ID: N74914-12F

Lab Report Batch : N74914

Analysis Type: RE/DIS

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B				Dilution: 1.00																	
Aluminum	200		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-5057-CLAYTONRD

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/12/2004

Analysis Type: RES/DIS

Sample Matrix : AQ

Lab Sample ID: N74914-12F

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B						Dilution: 1.00															
Antimony	5		ug/L	U	YES																
Arsenic	5		ug/L	U	YES																
Barium	50.8		ug/L	B	YES	J								J							12
Cadmium	4		ug/L	U	YES																
Calcium	15400		ug/L		YES																
Chromium	10		ug/L	U	YES																
Cobalt	50		ug/L	U	YES																
Copper	20.2		ug/L	B	YES	J								J							12
Iron	403		ug/L		YES																
Lead	3		ug/L	U	YES																
Magnesium	4470		ug/L	B	YES	J								J							12
Manganese	216		ug/L		YES																
Nickel	3.1		ug/L	B	YES	J								J							12
Potassium	1850		ug/L	B	YES	J								J							12
Selenium	5		ug/L	U	YES																
Silver	10		ug/L	U	YES																
Sodium	16900		ug/L		YES																
Vanadium	50		ug/L	U	YES																
Zinc	147		ug/L		YES																
Analysis Method : 6020						Dilution: 2.00															
Beryllium	2		ug/L	U	YES																
Thallium	1		ug/L	U	YES																
Analysis Method : 7470A						Dilution: 1.00															
Mercury	0.2		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

ADR 6.1

Report Date: 9/29/2004 08:46

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review



Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-564-BETHANYCHURCH

Sample Date : 08/12/2004

Lab Sample ID: N74914-14

Lab Report Batch : N74914

Analysis Type: RE

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B				Dilution: 1.00																	
Aluminum	200		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-564-BETHANYCHURCH

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-14

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B				Dilution: 1.00																	
Antimony	5		ug/L	U	YES																
Arsenic	5		ug/L	U	YES																
Barium	260		ug/L		YES																
Cadmium	4		ug/L	U	YES																
Calcium	40800		ug/L		YES																
Chromium	10		ug/L	U	YES																
Cobalt	50		ug/L	U	YES																
Copper	6.5		ug/L	B	YES	J								J							12
Iron	100		ug/L	U	YES																
Lead	3		ug/L	U	YES																
Magnesium	5610		ug/L		YES																
Manganese	108		ug/L		YES																
Nickel	40		ug/L	U	YES																
Potassium	1070		ug/L	B	YES	J								J							12
Selenium	5		ug/L	U	YES																
Silver	10		ug/L	U	YES																
Sodium	17800		ug/L		YES																
Vanadium	50		ug/L	U	YES																
Zinc	8.8		ug/L	B	YES	J								J							12
Analysis Method : 6020				Dilution: 2.00																	
Beryllium	2		ug/L	U	YES																
Thallium	1		ug/L	U	YES																
Analysis Method : 7470A				Dilution: 1.00																	
Mercury	0.2		ug/L	U	YES																
Analysis Method : 8081A				Dilution: 1.00																	
4,4'-DDD	0.022		ug/L	U	YES																
4,4'-DDE	0.022		ug/L	U	YES																
4,4'-DDT	0.022		ug/L	U	YES																
Aldrin	0.022		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

ADR 6.1

Report Date: 9/29/2004 08:46

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-564-BETHANYCHURCH

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-14

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8081A						Dilution: 1.00															
alpha-BHC	0.022		ug/L	U	YES																
alpha-Chlordane	0.022		ug/L	U	YES																
beta-BHC	0.022		ug/L	U	YES																
delta-BHC	0.022		ug/L	U	YES																
Dieldrin	0.022		ug/L	U	YES																
Endosulfan I	0.022		ug/L	U	YES																
Endosulfan II	0.022		ug/L	U	YES																
Endosulfan sulfate	0.022		ug/L	U	YES																
Endrin	0.022		ug/L	U	YES																
Endrin aldehyde	0.022		ug/L	U	YES																
Endrin ketone	0.056		ug/L	U	YES																
gamma-BHC	0.022		ug/L	U	YES																
gamma-Chlordane	0.022		ug/L	U	YES																
Heptachlor	0.022		ug/L	U	YES																
Heptachlor epoxide	0.022		ug/L	U	YES																
Methoxychlor	0.056		ug/L	U	YES																
Toxaphene	0.28		ug/L	U	YES																
Analysis Method : 8082						Dilution: 1.00															
Aroclor 1016	0.56		ug/L	U	YES																
Aroclor 1221	0.56		ug/L	U	YES																
Aroclor 1232	0.56		ug/L	U	YES																
Aroclor 1242	0.56		ug/L	U	YES																
Aroclor 1248	0.56		ug/L	U	YES																
Aroclor 1254	0.56		ug/L	U	YES																
Aroclor 1260	0.56		ug/L	U	YES																
Aroclor 1262	0.56		ug/L	U	YES																
Aroclor 1268	0.56		ug/L	U	YES																
Analysis Method : 8151A						Dilution: 1.00															
2,4,5-T	0.21		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-564-BETHANYCHURCH

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-14

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8151A						Dilution: 1.00															
2,4,5-TP (Silvex)	0.16		ug/L	U	YES																
2,4-D	0.53		ug/L	U	YES																
Pentachlorophenol	0.16		ug/L	U	YES																
Analysis Method : 8260B						Dilution: 1.00															
1,1,1-Trichloroethane	1		ug/L	U	YES																
1,1,2,2-Tetrachloroethane	1		ug/L	U	YES																
1,1,2-Trichloroethane	1		ug/L	U	YES																
1,1-Dichloroethane	1		ug/L	U	YES																
1,1-Dichloroethene	1		ug/L	U	YES																
1,2,3-Trichlorobenzene	5		ug/L	U	YES																
1,2,4-Trichlorobenzene	5		ug/L	U	YES																
1,2-Dibromo-3-chloropropane	10		ug/L	U	YES																
1,2-Dibromoethane	2		ug/L	U	YES																
1,2-Dichlorobenzene	1		ug/L	U	YES																
1,2-Dichloroethane	1		ug/L	U	YES																
1,2-Dichloropropane	1		ug/L	U	YES																
1,3-Dichlorobenzene	1		ug/L	U	YES																
1,4-Dichlorobenzene	1		ug/L	U	YES																
2-Butanone	10		ug/L	U	YES																
2-Hexanone	5		ug/L	U	YES																
4-METHYL-2-PENTANONE	5		ug/L	U	YES																
Acetone	10		ug/L	U	YES																
Benzene	1		ug/L	U	YES																
Bromochloromethane	5		ug/L	U	YES																
Bromodichloromethane	1		ug/L	U	YES																
Bromoform	4		ug/L	U	YES																
Bromomethane	2		ug/L	U	YES																
Carbon disulfide	2		ug/L	U	YES																
Carbon tetrachloride	1		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-564-BETHANYCHURCH

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-14

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8260B						Dilution: 1.00															
Chlorobenzene	1		ug/L	U	YES																
Chloroethane	1		ug/L	U	YES																
Chloroform	1		ug/L	U	YES																
Chloromethane	1		ug/L	U	YES																
cis-1,2-Dichloroethene	1		ug/L	U	YES																
cis-1,3-Dichloropropene	1		ug/L	U	YES																
Cyclohexane	5		ug/L	U	YES																
Dibromochloromethane	1		ug/L	U	YES																
Dichlorodifluoromethane	5		ug/L	U	YES																
Ethylbenzene	1		ug/L	U	YES																
Freon 113	5		ug/L	U	YES																
Isopropylbenzene	2		ug/L	U	YES																
M,P-XYLENE	1		ug/L	U	YES																
Methyl Acetate	5		ug/L	U	YES																
Methyl tert-butyl ether	1		ug/L	U	YES																
Methylcyclohexane	5		ug/L	U	YES																
Methylene chloride	2		ug/L	U	YES																
o-Xylene	1		ug/L	U	YES																
Styrene	5		ug/L	U	YES																
Tetrachloroethene	1		ug/L	U	YES																
Toluene	1		ug/L	U	YES																
Total Xylenes	1		ug/L	U	YES																
trans-1,2-Dichloroethene	1		ug/L	U	YES																
trans-1,3-Dichloropropene	1		ug/L	U	YES																
Trichloroethene	1		ug/L	U	YES																
Trichlorofluoromethane	5		ug/L	U	YES																
Vinyl chloride	1		ug/L	U	YES																
Analysis Method : 8270C						Dilution: 1.00															
1,2,4,5-Tetrachlorobenzene	5.5		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-564-BETHANYCHURCH

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-14

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8270C						Dilution: 1.00															
1,4-Dioxane	2.2		ug/L	U	YES																
2,3,4,6-Tetrachlorophenol	5.5		ug/L	U	YES																
2,4,5-Trichlorophenol	5.5		ug/L	U	YES																
2,4,6-Trichlorophenol	5.5		ug/L	U	YES																
2,4-Dichlorophenol	5.5		ug/L	U	YES																
2,4-Dimethylphenol	5.5		ug/L	U	YES																
2,4-Dinitrophenol	22		ug/L	U	YES																
2,4-Dinitrotoluene	2.2		ug/L	U	YES																
2,6-Dinitrotoluene	2.2		ug/L	U	YES																
2-Chloronaphthalene	5.5		ug/L	U	YES																
2-Chlorophenol	5.5		ug/L	U	YES																
2-Methyl-4,6-dinitrophenol	22		ug/L	U	YES																
2-Methylnaphthalene	2.2		ug/L	U	YES																
2-Methylphenol	5.5		ug/L	U	YES																
2-Nitroaniline	5.5		ug/L	U	YES																
2-Nitrophenol	5.5		ug/L	U	YES																
3&4-Methylphenol	5.5		ug/L	U	YES																
3,3'-Dichlorobenzidine	5.5		ug/L	U	YES																
3-Nitroaniline	5.5		ug/L	U	YES																
4-Bromophenyl phenyl ether	2.2		ug/L	U	YES																
4-Chloro-3-methylphenol	5.5		ug/L	U	YES																
4-Chloroaniline	5.5		ug/L	U	YES																
4-Chlorophenyl phenyl ether	2.2		ug/L	U	YES																
4-Nitroaniline	5.5		ug/L	U	YES																
4-Nitrophenol	22		ug/L	U	YES																
Acenaphthene	2.2		ug/L	U	YES																
Acenaphthylene	2.2		ug/L	U	YES																
Acetophenone	5.5		ug/L	U	YES																
Anthracene	2.2		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

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Report Date: 9/29/2004 08:46

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-564-BETHANYCHURCH

**Lab Report Batch :** N74914

**Lab ID :** ACTD

**Sample Date :** 08/12/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74914-14

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8270C</b>						<b>Dilution: 1.00</b>															
Atrazine	5.5		ug/L	U	YES																
Benzaldehyde	5.5		ug/L	U	YES																
Benzo(a)anthracene	2.2		ug/L	U	YES																
Benzo(a)pyrene	2.2		ug/L	U	YES																
Benzo(b)fluoranthene	2.2		ug/L	U	YES																
Benzo(g,h,i)perylene	2.2		ug/L	U	YES																
Benzo(k)fluoranthene	2.2		ug/L	U	YES																
BIPHENYL	2.2		ug/L	U	YES																
bis(2-Chloroethoxy)methane	2.2		ug/L	U	YES																
Bis(2-chloroethyl) ether	2.2		ug/L	U	YES																
Bis(2-chloroisopropyl) ether	2.2		ug/L	U	YES																
Bis(2-ethylhexyl) phthalate	2.2		ug/L	U	YES																
Butylbenzyl phthalate	2.2		ug/L	U	YES																
Caprolactam	2.2		ug/L	U	YES																
Carbazole	2.2		ug/L	U	YES																
Chrysene	2.2		ug/L	U	YES																
Dibenz(a,h)anthracene	2.2		ug/L	U	YES																
Dibenzofuran	5.5		ug/L	U	YES																
Diethyl phthalate	2.2		ug/L	U	YES																
Dimethyl phthalate	2.2		ug/L	U	YES																
Di-n-butyl phthalate	2.2		ug/L	U	YES																
Di-n-octyl phthalate	2.2		ug/L	U	YES																
Fluoranthene	2.2		ug/L	U	YES																
Fluorene	2.2		ug/L	U	YES																
Hexachlorobenzene	2.2		ug/L	U	YES																
Hexachlorobutadiene	2.2		ug/L	U	YES																
Hexachlorocyclopentadiene	22		ug/L	U	YES																
Hexachloroethane	5.5		ug/L	U	YES																
Indeno(1,2,3-cd)pyrene	2.2		ug/L	U	YES																

**Project Number and Name:** ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-564-BETHANYCHURCH

Sample Date : 08/12/2004

Lab Sample ID: N74914-14

Lab Report Batch : N74914

Analysis Type: RES

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8270C					Dilution: 1.00																
Isophorone	2.2		ug/L	U	YES																
Naphthalene	2.2		ug/L	U	YES																
Nitrobenzene	2.2		ug/L	U	YES																
N-Nitroso-di-n-propylamine	2.2		ug/L	U	YES																
N-Nitrosodiphenylamine	5.5		ug/L	U	YES																
Phenanthrene	2.2		ug/L	U	YES																
Phenol	5.5		ug/L	U	YES																
Pyrene	2.2		ug/L	U	YES																
Analysis Method : 9012A					Dilution: 1.00																
Cyanide	0.01		mg/l	U	YES																



Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-564-BETHANYCHURCH

Sample Date : 08/12/2004

Lab Sample ID: N74914-14F

Lab Report Batch : N74914

Analysis Type: RE/DIS

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B				Dilution: 1.00																	
Antimony	5		ug/L	U	YES																

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-564-BETHANYCHURCH  
Sample Date : 08/12/2004  
Lab Sample ID: N74914-14F

Lab Report Batch : N74914  
Analysis Type: RES/DIS

Lab ID : ACTD  
Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B				Dilution: 1.00																	
Aluminum	200		ug/L	U	YES																
Arsenic	5		ug/L	U	YES																
Barium	262		ug/L		YES																
Cadmium	4		ug/L	U	YES																
Calcium	40700		ug/L		YES																
Chromium	10		ug/L	U	YES																
Cobalt	50		ug/L	U	YES																
Copper	6.3		ug/L	B	YES	J								J							12
Iron	100		ug/L	U	YES																
Lead	3		ug/L	U	YES																
Magnesium	5610		ug/L		YES																
Manganese	13.3		ug/L	B	YES	J								J							12
Nickel	40		ug/L	U	YES																
Potassium	1110		ug/L	B	YES	J								J							12
Selenium	5		ug/L	U	YES																
Silver	10		ug/L	U	YES																
Sodium	18200		ug/L		YES																
Vanadium	50		ug/L	U	YES																
Zinc	20.6		ug/L		YES																
Analysis Method : 6020				Dilution: 2.00																	
Beryllium	2		ug/L	U	YES																
Thallium	1		ug/L	U	YES																
Analysis Method : 7470A				Dilution: 1.00																	
Mercury	0.2		ug/L	U	YES																

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-627B-ENONRD

Sample Date : 08/11/2004

Lab Sample ID: N74914-5

Lab Report Batch : N74914

Analysis Type: RE

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B				Dilution: 1.00																	
Aluminum	118		ug/L	B	YES	J								J							12
Arsenic	5		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-627B-ENONRD

**Lab Report Batch :** N74914

**Lab ID :** ACTD

**Sample Date :** 08/11/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74914-5

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B						Dilution: 1.00															
Antimony	5		ug/L	U	YES																
Barium	22.8		ug/L	B	YES	J								J							12
Cadmium	4		ug/L	U	YES																
Calcium	14400		ug/L		YES																
Chromium	10		ug/L	U	YES																
Cobalt	50		ug/L	U	YES																
Copper	9.2		ug/L	B	YES	J								J							12
Iron	984		ug/L		YES																
Lead	3		ug/L	U	YES																
Magnesium	1120		ug/L	B	YES	J								J							12
Manganese	351		ug/L		YES																
Nickel	40		ug/L	U	YES																
Potassium	5000		ug/L	U	YES																
Selenium	5		ug/L	U	YES																
Silver	10		ug/L	U	YES																
Sodium	7640		ug/L		YES																
Vanadium	50		ug/L	U	YES																
Zinc	8.2		ug/L	B	YES	J								J							12
Analysis Method : 6020						Dilution: 2.00															
Beryllium	2		ug/L	U	YES																
Thallium	1		ug/L	U	YES																
Analysis Method : 7470A						Dilution: 1.00															
Mercury	0.099		ug/L	B	YES	J								J							12
Analysis Method : 8081A						Dilution: 1.00															
4,4'-DDD	0.021		ug/L	U	YES																
4,4'-DDE	0.021		ug/L	U	YES																
4,4'-DDT	0.021		ug/L	U	YES																
Aldrin	0.021		ug/L	U	YES																
alpha-BHC	0.021		ug/L	U	YES																

**Project Number and Name:** ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** FormerCampButner - Sep03

ADR 6.1

Report Date: 9/29/2004 08:46

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-627B-ENONRD

Sample Date : 08/11/2004

Lab Sample ID: N74914-5

Lab Report Batch : N74914

Analysis Type: RES

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8081A					Dilution: 1.00																
alpha-Chlordane	0.021		ug/L	U	YES																
beta-BHC	0.021		ug/L	U	YES																
delta-BHC	0.021		ug/L	U	YES																
Dieldrin	0.021		ug/L	U	YES																
Endosulfan I	0.021		ug/L	U	YES																
Endosulfan II	0.021		ug/L	U	YES																
Endosulfan sulfate	0.021		ug/L	U	YES																
Endrin	0.021		ug/L	U	YES																
Endrin aldehyde	0.021		ug/L	U	YES																
Endrin ketone	0.052		ug/L	U	YES																
gamma-BHC	0.021		ug/L	U	YES																
gamma-Chlordane	0.021		ug/L	U	YES																
Heptachlor	0.021		ug/L	U	YES																
Heptachlor epoxide	0.021		ug/L	U	YES																
Methoxychlor	0.052		ug/L	U	YES																
Toxaphene	0.26		ug/L	U	YES																
Analysis Method : 8082					Dilution: 1.00																
Aroclor 1016	0.52		ug/L	U	YES																
Aroclor 1221	0.52		ug/L	U	YES																
Aroclor 1232	0.52		ug/L	U	YES																
Aroclor 1242	0.52		ug/L	U	YES																
Aroclor 1248	0.52		ug/L	U	YES																
Aroclor 1254	0.52		ug/L	U	YES																
Aroclor 1260	0.52		ug/L	U	YES																
Aroclor 1262	0.52		ug/L	U	YES																
Aroclor 1268	0.52		ug/L	U	YES																
Analysis Method : 8151A					Dilution: 1.00																
2,4,5-T	0.21		ug/L	U	YES																
2,4,5-TP (Silvex)	0.16		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-627B-ENONRD

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-5

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8151A						Dilution: 1.00															
2,4-D	0.53		ug/L	U	YES																
Pentachlorophenol	0.16		ug/L	U	YES																
Analysis Method : 8260B						Dilution: 1.00															
1,1,1-Trichloroethane	1		ug/L	U	YES																
1,1,1,2-Tetrachloroethane	1		ug/L	U	YES																
1,1,2-Trichloroethane	1		ug/L	U	YES																
1,1-Dichloroethane	1		ug/L	U	YES																
1,1-Dichloroethene	1		ug/L	U	YES																
1,2,3-Trichlorobenzene	5		ug/L	U	YES																
1,2,4-Trichlorobenzene	5		ug/L	U	YES																
1,2-Dibromo-3-chloropropane	10		ug/L	U	YES																
1,2-Dibromoethane	2		ug/L	U	YES																
1,2-Dichlorobenzene	1		ug/L	U	YES																
1,2-Dichloroethane	1		ug/L	U	YES																
1,2-Dichloropropane	1		ug/L	U	YES																
1,3-Dichlorobenzene	1		ug/L	U	YES																
1,4-Dichlorobenzene	1		ug/L	U	YES																
2-Butanone	10		ug/L	U	YES																
2-Hexanone	5		ug/L	U	YES																
4-METHYL-2-PENTANONE	5		ug/L	U	YES																
Acetone	10		ug/L	U	YES																
Benzene	1		ug/L	U	YES																
Bromochloromethane	5		ug/L	U	YES																
Bromodichloromethane	1		ug/L	U	YES																
Bromoform	4		ug/L	U	YES																
Bromomethane	2		ug/L	U	YES																
Carbon disulfide	2		ug/L	U	YES																
Carbon tetrachloride	1		ug/L	U	YES																
Chlorobenzene	1		ug/L	U	YES																

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-627B-ENONRD

**Lab Report Batch :** N74914

**Lab ID :** ACTD

**Sample Date :** 08/11/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74914-5

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8260B</b>				<b>Dilution: 1.00</b>																	
Chloroethane	1		ug/L	U	YES																
Chloroform	1		ug/L	U	YES																
Chloromethane	1		ug/L	U	YES																
cis-1,2-Dichloroethene	1		ug/L	U	YES																
cis-1,3-Dichloropropene	1		ug/L	U	YES																
Cyclohexane	5		ug/L	U	YES																
Dibromochloromethane	1		ug/L	U	YES																
Dichlorodifluoromethane	5		ug/L	U	YES																
Ethylbenzene	1		ug/L	U	YES																
Freon 113	5		ug/L	U	YES																
Isopropylbenzene	2		ug/L	U	YES																
M,P-XYLENE	1		ug/L	U	YES																
Methyl Acetate	5		ug/L	U	YES																
Methyl tert-butyl ether	1		ug/L	U	YES																
Methylcyclohexane	5		ug/L	U	YES																
Methylene chloride	2		ug/L	U	YES																
o-Xylene	1		ug/L	U	YES																
Styrene	5		ug/L	U	YES																
Tetrachloroethene	1		ug/L	U	YES																
Toluene	1		ug/L	U	YES																
Total Xylenes	1		ug/L	U	YES																
trans-1,2-Dichloroethene	1		ug/L	U	YES																
trans-1,3-Dichloropropene	1		ug/L	U	YES																
Trichloroethene	1		ug/L	U	YES																
Trichlorofluoromethane	5		ug/L	U	YES																
Vinyl chloride	1		ug/L	U	YES																
<b>Analysis Method : 8270C</b>				<b>Dilution: 1.00</b>																	
1,2,4,5-Tetrachlorobenzene	5.1		ug/L	U	YES																
1,4-Dioxane	2		ug/L	U	YES																

**Project Number and Name:** ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-627B-ENONRD

**Lab Report Batch :** N74914

**Lab ID :** ACTD

**Sample Date :** 08/11/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74914-5

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8270C</b>						<b>Dilution: 1.00</b>															
2,3,4,6-Tetrachlorophenol	5.1		ug/L	U	YES																
2,4,5-Trichlorophenol	5.1		ug/L	U	YES																
2,4,6-Trichlorophenol	5.1		ug/L	U	YES																
2,4-Dichlorophenol	5.1		ug/L	U	YES																
2,4-Dimethylphenol	5.1		ug/L	U	YES																
2,4-Dinitrophenol	20		ug/L	U	YES																
2,4-Dinitrotoluene	2		ug/L	U	YES																
2,6-Dinitrotoluene	2		ug/L	U	YES																
2-Chloronaphthalene	5.1		ug/L	U	YES																
2-Chlorophenol	5.1		ug/L	U	YES																
2-Methyl-4,6-dinitrophenol	20		ug/L	U	YES																
2-Methylnaphthalene	2		ug/L	U	YES																
2-Methylphenol	5.1		ug/L	U	YES																
2-Nitroaniline	5.1		ug/L	U	YES																
2-Nitrophenol	5.1		ug/L	U	YES																
3&4-Methylphenol	5.1		ug/L	U	YES																
3,3'-Dichlorobenzidine	5.1		ug/L	U	YES																
3-Nitroaniline	5.1		ug/L	U	YES																
4-Bromophenyl phenyl ether	2		ug/L	U	YES																
4-Chloro-3-methylphenol	5.1		ug/L	U	YES																
4-Chloroaniline	5.1		ug/L	U	YES																
4-Chlorophenyl phenyl ether	2		ug/L	U	YES																
4-Nitroaniline	5.1		ug/L	U	YES																
4-Nitrophenol	20		ug/L	U	YES																
Acenaphthene	2		ug/L	U	YES																
Acenaphthylene	2		ug/L	U	YES																
Acetophenone	5.1		ug/L	U	YES																
Anthracene	2		ug/L	U	YES																
Atrazine	5.1		ug/L	U	YES																

**Project Number and Name:** ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review



# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-627B-ENONRD

**Lab Report Batch :** N74914

**Lab ID :** ACTD

**Sample Date :** 08/11/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74914-5

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8270C</b>			<b>Dilution: 1.00</b>																		
Benzaldehyde	5.1		ug/L	U	YES																
Benzo(a)anthracene	2		ug/L	U	YES																
Benzo(a)pyrene	2		ug/L	U	YES																
Benzo(b)fluoranthene	2		ug/L	U	YES																
Benzo(g,h,i)perylene	2		ug/L	U	YES																
Benzo(k)fluoranthene	2		ug/L	U	YES																
BIPHENYL	2		ug/L	U	YES																
bis(2-Chloroethoxy)methane	2		ug/L	U	YES																
Bis(2-chloroethyl) ether	2		ug/L	U	YES																
Bis(2-chloroisopropyl) ether	2		ug/L	U	YES																
Bis(2-ethylhexyl) phthalate	2		ug/L	U	YES																
Butylbenzyl phthalate	2		ug/L	U	YES																
Caprolactam	2		ug/L	U	YES																
Carbazole	2		ug/L	U	YES																
Chrysene	2		ug/L	U	YES																
Dibenz(a,h)anthracene	2		ug/L	U	YES																
Dibenzofuran	5.1		ug/L	U	YES																
Diethyl phthalate	2		ug/L	U	YES																
Dimethyl phthalate	2		ug/L	U	YES																
Di-n-butyl phthalate	2		ug/L	U	YES																
Di-n-octyl phthalate	2		ug/L	U	YES																
Fluoranthene	2		ug/L	U	YES																
Fluorene	2		ug/L	U	YES																
Hexachlorobenzene	2		ug/L	U	YES																
Hexachlorobutadiene	2		ug/L	U	YES																
Hexachlorocyclopentadiene	20		ug/L	U	YES																
Hexachloroethane	5.1		ug/L	U	YES																
Indeno(1,2,3-cd)pyrene	2		ug/L	U	YES																
Isophorone	2		ug/L	U	YES																

**Project Number and Name:** ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-627B-ENONRD  
Sample Date : 08/11/2004  
Lab Sample ID: N74914-5

Lab Report Batch : N74914  
Analysis Type: RES

Lab ID : ACTD  
Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8270C						Dilution: 1.00															
Naphthalene	2		ug/L	U	YES																
Nitrobenzene	2		ug/L	U	YES																
N-Nitroso-di-n-propylamine	2		ug/L	U	YES																
N-Nitrosodiphenylamine	5.1		ug/L	U	YES																
Phenanthrene	2		ug/L	U	YES																
Phenol	5.1		ug/L	U	YES																
Pyrene	2		ug/L	U	YES																
Analysis Method : 9012A						Dilution: 1.00															
Cyanide	0.01		mg/l	U	YES																

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-627B-ENONRD

Sample Date : 08/11/2004

Lab Sample ID: N74914-5F

Lab Report Batch : N74914

Analysis Type: RE/DIS

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B						Dilution: 1.00															
Aluminum	200		ug/L	U	YES																
Arsenic	5		ug/L	U	YES																

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-627B-ENONRD

Sample Date : 08/11/2004

Lab Sample ID: N74914-5F

Lab Report Batch : N74914

Analysis Type: RES/DIS

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B				Dilution: 1.00																	
Antimony	5		ug/L	U	YES																
Barium	21.8		ug/L	B	YES	J								J							12
Cadmium	4		ug/L	U	YES																
Calcium	15200		ug/L		YES																
Chromium	10		ug/L	U	YES																
Cobalt	50		ug/L	U	YES																
Copper	5.9		ug/L	B	YES	J								J							12
Iron	100		ug/L	U	YES																
Lead	3		ug/L	U	YES																
Magnesium	1140		ug/L	B	YES	J								J							12
Manganese	354		ug/L		YES																
Nickel	2.2		ug/L	B	YES	J								J							12
Potassium	5000		ug/L	U	YES																
Selenium	5		ug/L	U	YES																
Silver	10		ug/L	U	YES																
Sodium	7790		ug/L		YES																
Vanadium	50		ug/L	U	YES																
Zinc	12.2		ug/L	B	YES	J								J							12
Analysis Method : 6020				Dilution: 2.00																	
Beryllium	2		ug/L	U	YES																
Thallium	1		ug/L	U	YES																
Analysis Method : 7470A				Dilution: 1.00																	
Mercury	0.2		ug/L	U	YES																

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-6305-ISHAMCHAMBERS

Sample Date : 08/12/2004

Lab Sample ID: N74914-9

Lab Report Batch : N74914

Analysis Type: RE

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B				Dilution: 1.00																	
Aluminum	200		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-6305-ISHAMCHAMBERS

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-9

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B				Dilution: 1.00																	
Antimony	5		ug/L	U	YES																
Arsenic	5		ug/L	U	YES																
Barium	37.6		ug/L	B	YES	J								J							12
Cadmium	4		ug/L	U	YES																
Calcium	43100		ug/L		YES																
Chromium	10		ug/L	U	YES																
Cobalt	50		ug/L	U	YES																
Copper	25		ug/L	U	YES																
Iron	1000		ug/L		YES																
Lead	3		ug/L	U	YES																
Magnesium	9190		ug/L		YES																
Manganese	634		ug/L		YES																
Nickel	40		ug/L	U	YES																
Potassium	1610		ug/L	B	YES	J								J							12
Selenium	5		ug/L	U	YES																
Silver	10		ug/L	U	YES																
Sodium	11800		ug/L		YES																
Vanadium	50		ug/L	U	YES																
Zinc	155		ug/L		YES																
Analysis Method : 6020				Dilution: 2.00																	
Beryllium	2		ug/L	U	YES																
Thallium	0.68		ug/L	B	YES	UJ			U					J							12,6
Analysis Method : 7470A				Dilution: 1.00																	
Mercury	0.2		ug/L	U	YES																
Analysis Method : 8081A				Dilution: 1.00																	
4,4'-DDD	0.023		ug/L	U	YES																
4,4'-DDE	0.023		ug/L	U	YES																
4,4'-DDT	0.023		ug/L	U	YES																
Aldrin	0.023		ug/L	U	YES																

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-6305-ISHAMCHAMBERS

Sample Date : 08/12/2004

Lab Sample ID: N74914-9

Lab Report Batch : N74914

Analysis Type: RES

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8081A					Dilution: 1.00																
alpha-BHC	0.023		ug/L	U	YES																
alpha-Chlordane	0.023		ug/L	U	YES																
beta-BHC	0.023		ug/L	U	YES																
delta-BHC	0.023		ug/L	U	YES																
Dieldrin	0.023		ug/L	U	YES																
Endosulfan I	0.023		ug/L	U	YES																
Endosulfan II	0.023		ug/L	U	YES																
Endosulfan sulfate	0.023		ug/L	U	YES																
Endrin	0.023		ug/L	U	YES																
Endrin aldehyde	0.023		ug/L	U	YES																
Endrin ketone	0.057		ug/L	U	YES																
gamma-BHC	0.023		ug/L	U	YES																
gamma-Chlordane	0.023		ug/L	U	YES																
Heptachlor	0.023		ug/L	U	YES																
Heptachlor epoxide	0.023		ug/L	U	YES																
Methoxychlor	0.057		ug/L	U	YES																
Toxaphene	0.28		ug/L	U	YES																
Analysis Method : 8082					Dilution: 1.00																
Aroclor 1016	0.57		ug/L	U	YES																
Aroclor 1221	0.57		ug/L	U	YES																
Aroclor 1232	0.57		ug/L	U	YES																
Aroclor 1242	0.57		ug/L	U	YES																
Aroclor 1248	0.57		ug/L	U	YES																
Aroclor 1254	0.57		ug/L	U	YES																
Aroclor 1260	0.57		ug/L	U	YES																
Aroclor 1262	0.57		ug/L	U	YES																
Aroclor 1268	0.57		ug/L	U	YES																
Analysis Method : 8151A					Dilution: 1.00																
2,4,5-T	0.24		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-6305-ISHAMCHAMBERS

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-9

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8151A						Dilution: 1.00															
2,4,5-TP (Silvex)	0.18		ug/L	U	YES																
2,4-D	0.6		ug/L	U	YES																
Pentachlorophenol	0.18		ug/L	U	YES																
Analysis Method : 8260B						Dilution: 1.00															
1,1,1-Trichloroethane	1		ug/L	U	YES																
1,1,2,2-Tetrachloroethane	1		ug/L	U	YES																
1,1,2-Trichloroethane	1		ug/L	U	YES																
1,1-Dichloroethane	1		ug/L	U	YES																
1,1-Dichloroethene	1		ug/L	U	YES																
1,2,3-Trichlorobenzene	5		ug/L	U	YES																
1,2,4-Trichlorobenzene	5		ug/L	U	YES																
1,2-Dibromo-3-chloropropane	10		ug/L	U	YES																
1,2-Dibromoethane	2		ug/L	U	YES																
1,2-Dichlorobenzene	1		ug/L	U	YES																
1,2-Dichloroethane	1		ug/L	U	YES																
1,2-Dichloropropane	1		ug/L	U	YES																
1,3-Dichlorobenzene	1		ug/L	U	YES																
1,4-Dichlorobenzene	1		ug/L	U	YES																
2-Butanone	10		ug/L	U	YES																
2-Hexanone	5		ug/L	U	YES																
4-METHYL-2-PENTANONE	5		ug/L	U	YES																
Acetone	10		ug/L	U	YES																
Benzene	1		ug/L	U	YES																
Bromochloromethane	5		ug/L	U	YES																
Bromodichloromethane	1		ug/L	U	YES																
Bromoform	4		ug/L	U	YES																
Bromomethane	2		ug/L	U	YES																
Carbon disulfide	2		ug/L	U	YES																
Carbon tetrachloride	1		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

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Report Date: 9/29/2004 08:46

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review



# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-6305-ISHAMCHAMBERS

**Lab Report Batch :** N74914

**Lab ID :** ACTD

**Sample Date :** 08/12/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74914-9

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8260B</b>				<b>Dilution: 1.00</b>																	
Chlorobenzene	1		ug/L	U	YES																
Chloroethane	1		ug/L	U	YES																
Chloroform	1		ug/L	U	YES																
Chloromethane	1		ug/L	U	YES																
cis-1,2-Dichloroethene	1		ug/L	U	YES																
cis-1,3-Dichloropropene	1		ug/L	U	YES																
Cyclohexane	5		ug/L	U	YES																
Dibromochloromethane	1		ug/L	U	YES																
Dichlorodifluoromethane	5		ug/L	U	YES																
Ethylbenzene	1		ug/L	U	YES																
Freon 113	5		ug/L	U	YES																
Isopropylbenzene	2		ug/L	U	YES																
M,P-XYLENE	1		ug/L	U	YES																
Methyl Acetate	5		ug/L	U	YES																
Methyl tert-butyl ether	1		ug/L	U	YES																
Methylcyclohexane	5		ug/L	U	YES																
Methylene chloride	2		ug/L	U	YES																
o-Xylene	1		ug/L	U	YES																
Styrene	5		ug/L	U	YES																
Tetrachloroethene	1		ug/L	U	YES																
Toluene	1		ug/L	U	YES																
Total Xylenes	1		ug/L	U	YES																
trans-1,2-Dichloroethene	1		ug/L	U	YES																
trans-1,3-Dichloropropene	1		ug/L	U	YES																
Trichloroethene	1		ug/L	U	YES																
Trichlorofluoromethane	5		ug/L	U	YES																
Vinyl chloride	1		ug/L	U	YES																
<b>Analysis Method : 8270C</b>				<b>Dilution: 1.00</b>																	
1,2,4,5-Tetrachlorobenzene	5.6		ug/L	U	YES																

**Project Number and Name:** ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-6305-ISHAMCHAMBERS

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-9

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8270C						Dilution: 1.00															
1,4-Dioxane	2.2		ug/L	U	YES																
2,3,4,6-Tetrachlorophenol	5.6		ug/L	U	YES																
2,4,5-Trichlorophenol	5.6		ug/L	U	YES																
2,4,6-Trichlorophenol	5.6		ug/L	U	YES																
2,4-Dichlorophenol	5.6		ug/L	U	YES																
2,4-Dimethylphenol	5.6		ug/L	U	YES																
2,4-Dinitrophenol	22		ug/L	U	YES																
2,4-Dinitrotoluene	2.2		ug/L	U	YES																
2,6-Dinitrotoluene	2.2		ug/L	U	YES																
2-Chloronaphthalene	5.6		ug/L	U	YES																
2-Chlorophenol	5.6		ug/L	U	YES																
2-Methyl-4,6-dinitrophenol	22		ug/L	U	YES																
2-Methylnaphthalene	2.2		ug/L	U	YES																
2-Methylphenol	5.6		ug/L	U	YES																
2-Nitroaniline	5.6		ug/L	U	YES																
2-Nitrophenol	5.6		ug/L	U	YES																
3&4-Methylphenol	5.6		ug/L	U	YES																
3,3'-Dichlorobenzidine	5.6		ug/L	U	YES																
3-Nitroaniline	5.6		ug/L	U	YES																
4-Bromophenyl phenyl ether	2.2		ug/L	U	YES																
4-Chloro-3-methylphenol	5.6		ug/L	U	YES																
4-Chloroaniline	5.6		ug/L	U	YES																
4-Chlorophenyl phenyl ether	2.2		ug/L	U	YES																
4-Nitroaniline	5.6		ug/L	U	YES																
4-Nitrophenol	22		ug/L	U	YES																
Acenaphthene	2.2		ug/L	U	YES																
Acenaphthylene	2.2		ug/L	U	YES																
Acetophenone	5.6		ug/L	U	YES																
Anthracene	2.2		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-6305-ISHAMCHAMBERS

**Lab Report Batch :** N74914

**Lab ID :** ACTD

**Sample Date :** 08/12/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74914-9

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8270C</b>						<b>Dilution: 1.00</b>															
Atrazine	5.6		ug/L	U	YES																
Benzaldehyde	5.6		ug/L	U	YES																
Benzo(a)anthracene	2.2		ug/L	U	YES																
Benzo(a)pyrene	2.2		ug/L	U	YES																
Benzo(b)fluoranthene	2.2		ug/L	U	YES																
Benzo(g,h,i)perylene	2.2		ug/L	U	YES																
Benzo(k)fluoranthene	2.2		ug/L	U	YES																
BIPHENYL	2.2		ug/L	U	YES																
bis(2-Chloroethoxy)methane	2.2		ug/L	U	YES																
Bis(2-chloroethyl) ether	2.2		ug/L	U	YES																
Bis(2-chloroisopropyl) ether	2.2		ug/L	U	YES																
Bis(2-ethylhexyl) phthalate	2.2		ug/L	U	YES																
Butylbenzyl phthalate	2.2		ug/L	U	YES																
Caprolactam	2.2		ug/L	U	YES																
Carbazole	2.2		ug/L	U	YES																
Chrysene	2.2		ug/L	U	YES																
Dibenz(a,h)anthracene	2.2		ug/L	U	YES																
Dibenzofuran	5.6		ug/L	U	YES																
Diethyl phthalate	2.2		ug/L	U	YES																
Dimethyl phthalate	2.2		ug/L	U	YES																
Di-n-butyl phthalate	2.2		ug/L	U	YES																
Di-n-octyl phthalate	2.2		ug/L	U	YES																
Fluoranthene	2.2		ug/L	U	YES																
Fluorene	2.2		ug/L	U	YES																
Hexachlorobenzene	2.2		ug/L	U	YES																
Hexachlorobutadiene	2.2		ug/L	U	YES																
Hexachlorocyclopentadiene	22		ug/L	U	YES																
Hexachloroethane	5.6		ug/L	U	YES																
Indeno(1,2,3-cd)pyrene	2.2		ug/L	U	YES																

**Project Number and Name:** ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-6305-ISHAMCHAMBERS

Sample Date : 08/12/2004

Lab Sample ID: N74914-9

Lab Report Batch : N74914

Analysis Type: RES

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8270C				Dilution: 1.00																	
Isophorone	2.2		ug/L	U	YES																
Naphthalene	2.2		ug/L	U	YES																
Nitrobenzene	2.2		ug/L	U	YES																
N-Nitroso-di-n-propylamine	2.2		ug/L	U	YES																
N-Nitrosodiphenylamine	5.6		ug/L	U	YES																
Phenanthrene	2.2		ug/L	U	YES																
Phenol	5.6		ug/L	U	YES	UJ					UJ										8
Pyrene	2.2		ug/L	U	YES																
Analysis Method : 9012A				Dilution: 1.00																	
Cyanide	0.01		mg/l	U	YES																

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-6305-ISHAMCHAMBERS

Sample Date : 08/12/2004

Lab Sample ID: N74914-9F

Lab Report Batch : N74914

Analysis Type: RE/DIS

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B				Dilution: 1.00																	
Aluminum	200		ug/L	U	YES																

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-6305-ISHAMCHAMBERS

Sample Date : 08/12/2004

Lab Sample ID: N74914-9F

Lab Report Batch : N74914

Analysis Type: RES/DIS

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B				Dilution: 1.00																	
Antimony	5		ug/L	U	YES																
Arsenic	5		ug/L	U	YES																
Barium	41.2		ug/L	B	YES	J								J							12
Cadmium	4		ug/L	U	YES																
Calcium	45200		ug/L		YES																
Chromium	10		ug/L	U	YES																
Cobalt	50		ug/L	U	YES																
Copper	25		ug/L	U	YES																
Iron	995		ug/L		YES																
Lead	3		ug/L	U	YES																
Magnesium	9550		ug/L		YES																
Manganese	668		ug/L		YES																
Nickel	40		ug/L	U	YES																
Potassium	1840		ug/L	B	YES	J								J							12
Selenium	5		ug/L	U	YES																
Silver	10		ug/L	U	YES																
Sodium	12600		ug/L		YES																
Vanadium	50		ug/L	U	YES																
Zinc	155		ug/L		YES																
Analysis Method : 6020				Dilution: 2.00																	
Beryllium	2		ug/L	U	YES																
Thallium	0.65		ug/L	B	YES	J								J							12
Analysis Method : 7470A				Dilution: 1.00																	
Mercury	0.2		ug/L	U	YES																

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-FIELDDUP2

Sample Date : 08/11/2004

Lab Sample ID: N74914-7

Lab Report Batch : N74914

Analysis Type: RE

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B						Dilution: 1.00															
Aluminum	200		ug/L	U	YES																
Arsenic	5		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-FIELDDUP2

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-7

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B			Dilution: 1.00																		
Antimony	5		ug/L	U	YES																
Barium	15.4		ug/L	B	YES	J								J							12
Cadmium	4		ug/L	U	YES																
Calcium	8120		ug/L		YES																
Chromium	3.2		ug/L	B	YES	J								J							12
Cobalt	50		ug/L	U	YES																
Copper	14.1		ug/L	B	YES	J								J							12
Iron	100		ug/L	U	YES																
Lead	3		ug/L	U	YES																
Magnesium	2070		ug/L	B	YES	J								J							12
Manganese	12.2		ug/L	B	YES	J								J							12
Nickel	3.1		ug/L	B	YES	J								J							12
Potassium	763		ug/L	B	YES	J								J							12
Selenium	5		ug/L	U	YES																
Silver	10		ug/L	U	YES																
Sodium	4450		ug/L	B	YES	J								J							12
Vanadium	50		ug/L	U	YES																
Zinc	12.8		ug/L	B	YES	J								J							12
Analysis Method : 6020			Dilution: 2.00																		
Beryllium	2		ug/L	U	YES																
Thallium	1		ug/L	U	YES																
Analysis Method : 7470A			Dilution: 1.00																		
Mercury	0.2		ug/L	U	YES																
Analysis Method : 8081A			Dilution: 1.00																		
4,4'-DDD	0.021		ug/L	U	YES																
4,4'-DDE	0.021		ug/L	U	YES																
4,4'-DDT	0.021		ug/L	U	YES																
Aldrin	0.021		ug/L	U	YES																
alpha-BHC	0.021		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review



Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-FIELDDUP2

Sample Date : 08/11/2004

Lab Sample ID: N74914-7

Lab Report Batch : N74914

Analysis Type: RES

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8081A					Dilution: 1.00																
alpha-Chlordane	0.021		ug/L	U	YES																
beta-BHC	0.021		ug/L	U	YES																
delta-BHC	0.021		ug/L	U	YES																
Dieldrin	0.021		ug/L	U	YES																
Endosulfan I	0.021		ug/L	U	YES																
Endosulfan II	0.021		ug/L	U	YES																
Endosulfan sulfate	0.021		ug/L	U	YES																
Endrin	0.021		ug/L	U	YES																
Endrin aldehyde	0.021		ug/L	U	YES																
Endrin ketone	0.052		ug/L	U	YES																
gamma-BHC	0.021		ug/L	U	YES																
gamma-Chlordane	0.021		ug/L	U	YES																
Heptachlor	0.021		ug/L	U	YES																
Heptachlor epoxide	0.021		ug/L	U	YES																
Methoxychlor	0.052		ug/L	U	YES																
Toxaphene	0.26		ug/L	U	YES																
Analysis Method : 8082					Dilution: 1.00																
Aroclor 1016	0.52		ug/L	U	YES																
Aroclor 1221	0.52		ug/L	U	YES																
Aroclor 1232	0.52		ug/L	U	YES																
Aroclor 1242	0.52		ug/L	U	YES																
Aroclor 1248	0.52		ug/L	U	YES																
Aroclor 1254	0.52		ug/L	U	YES																
Aroclor 1260	0.52		ug/L	U	YES																
Aroclor 1262	0.52		ug/L	U	YES																
Aroclor 1268	0.52		ug/L	U	YES																
Analysis Method : 8151A					Dilution: 1.00																
2,4,5-T	0.22		ug/L	U	YES																
2,4,5-TP (Silvex)	0.16		ug/L	U	YES																

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-FIELDDUP2

Sample Date : 08/11/2004

Lab Sample ID: N74914-7

Lab Report Batch : N74914

Analysis Type: RES

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8151A				Dilution: 1.00																	
2,4-D	0.54		ug/L	U	YES																
Pentachlorophenol	0.16		ug/L	U	YES																
Analysis Method : 8260B				Dilution: 1.00																	
1,1,1-Trichloroethane	1		ug/L	U	YES																
1,1,1,2-Tetrachloroethane	1		ug/L	U	YES																
1,1,1,2-Trichloroethane	1		ug/L	U	YES																
1,1-Dichloroethane	1		ug/L	U	YES																
1,1-Dichloroethene	1		ug/L	U	YES																
1,2,3-Trichlorobenzene	5		ug/L	U	YES																
1,2,4-Trichlorobenzene	5		ug/L	U	YES																
1,2-Dibromo-3-chloropropane	10		ug/L	U	YES																
1,2-Dibromoethane	2		ug/L	U	YES																
1,2-Dichlorobenzene	1		ug/L	U	YES																
1,2-Dichloroethane	1		ug/L	U	YES																
1,2-Dichloropropane	1		ug/L	U	YES																
1,3-Dichlorobenzene	1		ug/L	U	YES																
1,4-Dichlorobenzene	1		ug/L	U	YES																
2-Butanone	10		ug/L	U	YES																
2-Hexanone	5		ug/L	U	YES																
4-METHYL-2-PENTANONE	5		ug/L	U	YES																
Acetone	10		ug/L	U	YES																
Benzene	1		ug/L	U	YES																
Bromochloromethane	5		ug/L	U	YES																
Bromodichloromethane	1		ug/L	U	YES																
Bromoform	4		ug/L	U	YES																
Bromomethane	2		ug/L	U	YES																
Carbon disulfide	2		ug/L	U	YES																
Carbon tetrachloride	1		ug/L	U	YES																
Chlorobenzene	1		ug/L	U	YES																

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-FIELDDUP2

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-7

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8260B				Dilution: 1.00																	
Chloroethane	1		ug/L	U	YES																
Chloroform	1		ug/L	U	YES																
Chloromethane	1		ug/L	U	YES																
cis-1,2-Dichloroethene	1		ug/L	U	YES																
cis-1,3-Dichloropropene	1		ug/L	U	YES																
Cyclohexane	5		ug/L	U	YES																
Dibromochloromethane	1		ug/L	U	YES																
Dichlorodifluoromethane	5		ug/L	U	YES																
Ethylbenzene	1		ug/L	U	YES																
Freon 113	5		ug/L	U	YES																
Isopropylbenzene	2		ug/L	U	YES																
M,P-XYLENE	1		ug/L	U	YES																
Methyl Acetate	5		ug/L	U	YES																
Methyl tert-butyl ether	1		ug/L	U	YES																
Methylcyclohexane	5		ug/L	U	YES																
Methylene chloride	2		ug/L	U	YES																
o-Xylene	1		ug/L	U	YES																
Styrene	5		ug/L	U	YES																
Tetrachloroethene	1		ug/L	U	YES																
Toluene	1		ug/L	U	YES																
Total Xylenes	1		ug/L	U	YES																
trans-1,2-Dichloroethene	1		ug/L	U	YES																
trans-1,3-Dichloropropene	1		ug/L	U	YES																
Trichloroethene	1		ug/L	U	YES																
Trichlorofluoromethane	5		ug/L	U	YES																
Vinyl chloride	1		ug/L	U	YES																
Analysis Method : 8270C				Dilution: 1.00																	
1,2,4,5-Tetrachlorobenzene	5.1		ug/L	U	YES																
1,4-Dioxane	2		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-FIELDDUP2

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-7

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8270C						Dilution: 1.00															
2,3,4,6-Tetrachlorophenol	5.1		ug/L	U	YES																
2,4,5-Trichlorophenol	5.1		ug/L	U	YES																
2,4,6-Trichlorophenol	5.1		ug/L	U	YES																
2,4-Dichlorophenol	5.1		ug/L	U	YES																
2,4-Dimethylphenol	5.1		ug/L	U	YES																
2,4-Dinitrophenol	20		ug/L	U	YES																
2,4-Dinitrotoluene	2		ug/L	U	YES																
2,6-Dinitrotoluene	2		ug/L	U	YES																
2-Chloronaphthalene	5.1		ug/L	U	YES																
2-Chlorophenol	5.1		ug/L	U	YES																
2-Methyl-4,6-dinitrophenol	20		ug/L	U	YES																
2-Methylnaphthalene	2		ug/L	U	YES																
2-Methylphenol	5.1		ug/L	U	YES																
2-Nitroaniline	5.1		ug/L	U	YES																
2-Nitrophenol	5.1		ug/L	U	YES																
3&4-Methylphenol	5.1		ug/L	U	YES																
3,3'-Dichlorobenzidine	5.1		ug/L	U	YES																
3-Nitroaniline	5.1		ug/L	U	YES																
4-Bromophenyl phenyl ether	2		ug/L	U	YES																
4-Chloro-3-methylphenol	5.1		ug/L	U	YES																
4-Chloroaniline	5.1		ug/L	U	YES																
4-Chlorophenyl phenyl ether	2		ug/L	U	YES																
4-Nitroaniline	5.1		ug/L	U	YES																
4-Nitrophenol	20		ug/L	U	YES																
Acenaphthene	2		ug/L	U	YES																
Acenaphthylene	2		ug/L	U	YES																
Acetophenone	5.1		ug/L	U	YES																
Anthracene	2		ug/L	U	YES																
Atrazine	5.1		ug/L	U	YES																

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-FIELDDUP2

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-7

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8270C						Dilution: 1.00															
Benzaldehyde	5.1		ug/L	U	YES																
Benzo(a)anthracene	2		ug/L	U	YES																
Benzo(a)pyrene	2		ug/L	U	YES																
Benzo(b)fluoranthene	2		ug/L	U	YES																
Benzo(g,h,i)perylene	2		ug/L	U	YES																
Benzo(k)fluoranthene	2		ug/L	U	YES																
BIPHENYL	2		ug/L	U	YES																
bis(2-Chloroethoxy)methane	2		ug/L	U	YES																
Bis(2-chloroethyl) ether	2		ug/L	U	YES																
Bis(2-chloroisopropyl) ether	2		ug/L	U	YES																
Bis(2-ethylhexyl) phthalate	2		ug/L	U	YES																
Butylbenzyl phthalate	2		ug/L	U	YES																
Caprolactam	2		ug/L	U	YES																
Carbazole	2		ug/L	U	YES																
Chrysene	2		ug/L	U	YES																
Dibenz(a,h)anthracene	2		ug/L	U	YES																
Dibenzofuran	5.1		ug/L	U	YES																
Diethyl phthalate	2		ug/L	U	YES																
Dimethyl phthalate	2		ug/L	U	YES																
Di-n-butyl phthalate	2		ug/L	U	YES																
Di-n-octyl phthalate	2		ug/L	U	YES																
Fluoranthene	2		ug/L	U	YES																
Fluorene	2		ug/L	U	YES																
Hexachlorobenzene	2		ug/L	U	YES																
Hexachlorobutadiene	2		ug/L	U	YES																
Hexachlorocyclopentadiene	20		ug/L	U	YES																
Hexachloroethane	5.1		ug/L	U	YES																
Indeno(1,2,3-cd)pyrene	2		ug/L	U	YES																
Isophorone	2		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-FIELDDUP2

Sample Date : 08/11/2004

Lab Sample ID: N74914-7

Lab Report Batch : N74914

Analysis Type: RES

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8270C						Dilution: 1.00															
Naphthalene	2		ug/L	U	YES																
Nitrobenzene	2		ug/L	U	YES																
N-Nitroso-di-n-propylamine	2		ug/L	U	YES																
N-Nitrosodiphenylamine	5.1		ug/L	U	YES																
Phenanthrene	2		ug/L	U	YES																
Phenol	5.1		ug/L	U	YES																
Pyrene	2		ug/L	U	YES																
Analysis Method : 9012A						Dilution: 1.00															
Cyanide	0.01		mg/l	U	YES																

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-FIELDDUP2

Sample Date : 08/11/2004

Lab Sample ID: N74914-7F

Lab Report Batch : N74914

Analysis Type: RE/DIS

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B				Dilution: 1.00																	
Aluminum	200		ug/L	U	YES																
Arsenic	5		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-FIELDDUP2

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/11/2004

Analysis Type: RES/DIS

Sample Matrix : AQ

Lab Sample ID: N74914-7F

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B				Dilution: 1.00																	
Antimony	5		ug/L	U	YES																
Barium	15.2		ug/L	B	YES	J								J							12
Cadmium	4		ug/L	U	YES																
Calcium	8120		ug/L		YES																
Chromium	3.3		ug/L	B	YES	J								J							12
Cobalt	50		ug/L	U	YES																
Copper	12.3		ug/L	B	YES	J								J							12
Iron	100		ug/L	U	YES																
Lead	3		ug/L	U	YES																
Magnesium	2060		ug/L	B	YES	J								J							12
Manganese	11.3		ug/L	B	YES	J								J							12
Nickel	40		ug/L	U	YES																
Potassium	804		ug/L	B	YES	J								J							12
Selenium	5		ug/L	U	YES																
Silver	10		ug/L	U	YES																
Sodium	4430		ug/L	B	YES	J								J							12
Vanadium	50		ug/L	U	YES																
Zinc	12.3		ug/L	B	YES	J								J							12
Analysis Method : 6020				Dilution: 2.00																	
Beryllium	2		ug/L	U	YES																
Thallium	1		ug/L	U	YES																
Analysis Method : 7470A				Dilution: 1.00																	
Mercury	0.2		ug/L	U	YES																



Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-FIELDDUP3

Sample Date : 08/12/2004

Lab Sample ID: N74914-15

Lab Report Batch : N74914

Analysis Type: RE

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B						Dilution: 1.00															
Aluminum	200		ug/L	U	YES																
Antimony	5		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-FIELDUP3

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-15

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B				Dilution: 1.00																	
Arsenic	5		ug/L	U	YES																
Barium	14.9		ug/L	B	YES	J								J							12
Cadmium	4		ug/L	U	YES																
Calcium	6710		ug/L		YES																
Chromium	10		ug/L	U	YES																
Cobalt	50		ug/L	U	YES																
Copper	75.9		ug/L		YES																
Iron	185		ug/L		YES																
Lead	3.8		ug/L		YES																
Magnesium	1730		ug/L	B	YES	J								J							12
Manganese	15		ug/L	U	YES																
Nickel	40		ug/L	U	YES																
Potassium	5000		ug/L	U	YES																
Selenium	5		ug/L	U	YES																
Silver	10		ug/L	U	YES																
Sodium	9010		ug/L		YES																
Vanadium	50		ug/L	U	YES																
Zinc	56.2		ug/L		YES																
Analysis Method : 6020				Dilution: 2.00																	
Beryllium	2		ug/L	U	YES																
Thallium	1		ug/L	U	YES																
Analysis Method : 7470A				Dilution: 1.00																	
Mercury	0.2		ug/L	U	YES																
Analysis Method : 8081A				Dilution: 1.00																	
4,4'-DDD	0.022		ug/L	U	YES																
4,4'-DDE	0.022		ug/L	U	YES																
4,4'-DDT	0.022		ug/L	U	YES																
Aldrin	0.022		ug/L	U	YES																
alpha-BHC	0.022		ug/L	U	YES																

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-FIELDDUP3

Sample Date : 08/12/2004

Lab Sample ID: N74914-15

Lab Report Batch : N74914

Analysis Type: RES

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8081A					Dilution: 1.00																
alpha-Chlordane	0.088		ug/L		YES																
beta-BHC	0.022		ug/L	U	YES																
delta-BHC	0.022		ug/L	U	YES																
Dieldrin	0.022		ug/L	U	YES																
Endosulfan I	0.022		ug/L	U	YES																
Endosulfan II	0.022		ug/L	U	YES																
Endosulfan sulfate	0.022		ug/L	U	YES																
Endrin	0.022		ug/L	U	YES																
Endrin aldehyde	0.022		ug/L	U	YES																
Endrin ketone	0.056		ug/L	U	YES																
gamma-BHC	0.022		ug/L	U	YES																
gamma-Chlordane	0.13		ug/L		YES																
Heptachlor	0.022		ug/L	U	YES																
Heptachlor epoxide	0.49		ug/L		YES																
Methoxychlor	0.056		ug/L	U	YES																
Toxaphene	0.28		ug/L	U	YES																
Analysis Method : 8082					Dilution: 1.00																
Aroclor 1016	0.56		ug/L	U	YES																
Aroclor 1221	0.56		ug/L	U	YES																
Aroclor 1232	0.56		ug/L	U	YES																
Aroclor 1242	0.56		ug/L	U	YES																
Aroclor 1248	0.56		ug/L	U	YES																
Aroclor 1254	0.56		ug/L	U	YES																
Aroclor 1260	0.56		ug/L	U	YES																
Aroclor 1262	0.56		ug/L	U	YES																
Aroclor 1268	0.56		ug/L	U	YES																
Analysis Method : 8151A					Dilution: 1.00																
2,4,5-T	0.21		ug/L	U	YES																
2,4,5-TP (Silvex)	0.16		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-FIELDDUP3

**Lab Report Batch :** N74914

**Lab ID :** ACTD

**Sample Date :** 08/12/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74914-15

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8151A</b>				<b>Dilution: 1.00</b>																	
2,4-D	0.53		ug/L	U	YES																
Pentachlorophenol	0.16		ug/L	U	YES																
<b>Analysis Method : 8260B</b>				<b>Dilution: 1.00</b>																	
1,1,1-Trichloroethane	1		ug/L	U	YES																
1,1,1,2,2-Tetrachloroethane	1		ug/L	U	YES																
1,1,1,2-Trichloroethane	1		ug/L	U	YES																
1,1-Dichloroethane	1		ug/L	U	YES																
1,1-Dichloroethene	1		ug/L	U	YES																
1,2,3-Trichlorobenzene	5		ug/L	U	YES																
1,2,4-Trichlorobenzene	5		ug/L	U	YES																
1,2-Dibromo-3-chloropropane	10		ug/L	U	YES																
1,2-Dibromoethane	2		ug/L	U	YES																
1,2-Dichlorobenzene	1		ug/L	U	YES																
1,2-Dichloroethane	1		ug/L	U	YES																
1,2-Dichloropropane	1		ug/L	U	YES																
1,3-Dichlorobenzene	1		ug/L	U	YES																
1,4-Dichlorobenzene	1		ug/L	U	YES																
2-Butanone	10		ug/L	U	YES																
2-Hexanone	5		ug/L	U	YES																
4-METHYL-2-PENTANONE	5		ug/L	U	YES																
Acetone	10		ug/L	U	YES																
Benzene	1		ug/L	U	YES																
Bromochloromethane	5		ug/L	U	YES																
Bromodichloromethane	1		ug/L	U	YES																
Bromoform	4		ug/L	U	YES																
Bromomethane	2		ug/L	U	YES																
Carbon disulfide	2		ug/L	U	YES																
Carbon tetrachloride	1		ug/L	U	YES																
Chlorobenzene	1		ug/L	U	YES																

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-FIELDDUP3

**Lab Report Batch :** N74914

**Lab ID :** ACTD

**Sample Date :** 08/12/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74914-15

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8260B</b>				<b>Dilution: 1.00</b>																	
Chloroethane	1		ug/L	U	YES																
Chloroform	1		ug/L	U	YES																
Chloromethane	1		ug/L	U	YES																
cis-1,2-Dichloroethene	1		ug/L	U	YES																
cis-1,3-Dichloropropene	1		ug/L	U	YES																
Cyclohexane	5		ug/L	U	YES																
Dibromochloromethane	1		ug/L	U	YES																
Dichlorodifluoromethane	5		ug/L	U	YES																
Ethylbenzene	1		ug/L	U	YES																
Freon 113	5		ug/L	U	YES																
Isopropylbenzene	2		ug/L	U	YES																
M,P-XYLENE	1		ug/L	U	YES																
Methyl Acetate	5		ug/L	U	YES																
Methyl tert-butyl ether	1		ug/L	U	YES																
Methylcyclohexane	5		ug/L	U	YES																
Methylene chloride	2		ug/L	U	YES																
o-Xylene	1		ug/L	U	YES																
Styrene	5		ug/L	U	YES																
Tetrachloroethene	1		ug/L	U	YES																
Toluene	1		ug/L	U	YES																
Total Xylenes	1		ug/L	U	YES																
trans-1,2-Dichloroethene	1		ug/L	U	YES																
trans-1,3-Dichloropropene	1		ug/L	U	YES																
Trichloroethene	1		ug/L	U	YES																
Trichlorofluoromethane	5		ug/L	U	YES																
Vinyl chloride	1		ug/L	U	YES																
<b>Analysis Method : 8270C</b>				<b>Dilution: 1.00</b>																	
1,2,4,5-Tetrachlorobenzene	5.4		ug/L	U	YES																
1,4-Dioxane	2.2		ug/L	U	YES																

**Project Number and Name:** ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** FormerCampButner - Sep03

ADR 6.1

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-FIELDDUP3

Sample Date : 08/12/2004

Lab Sample ID: N74914-15

Lab Report Batch : N74914

Analysis Type: RES

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8270C						Dilution: 1.00															
2,3,4,6-Tetrachlorophenol	5.4		ug/L	U	YES																
2,4,5-Trichlorophenol	5.4		ug/L	U	YES																
2,4,6-Trichlorophenol	5.4		ug/L	U	YES																
2,4-Dichlorophenol	5.4		ug/L	U	YES																
2,4-Dimethylphenol	5.4		ug/L	U	YES																
2,4-Dinitrophenol	22		ug/L	U	YES																
2,4-Dinitrotoluene	2.2		ug/L	U	YES																
2,6-Dinitrotoluene	2.2		ug/L	U	YES																
2-Chloronaphthalene	5.4		ug/L	U	YES																
2-Chlorophenol	5.4		ug/L	U	YES																
2-Methyl-4,6-dinitrophenol	22		ug/L	U	YES																
2-Methylnaphthalene	2.2		ug/L	U	YES																
2-Methylphenol	5.4		ug/L	U	YES																
2-Nitroaniline	5.4		ug/L	U	YES																
2-Nitrophenol	5.4		ug/L	U	YES																
3&4-Methylphenol	5.4		ug/L	U	YES																
3,3'-Dichlorobenzidine	5.4		ug/L	U	YES																
3-Nitroaniline	5.4		ug/L	U	YES																
4-Bromophenyl phenyl ether	2.2		ug/L	U	YES																
4-Chloro-3-methylphenol	5.4		ug/L	U	YES																
4-Chloroaniline	5.4		ug/L	U	YES																
4-Chlorophenyl phenyl ether	2.2		ug/L	U	YES																
4-Nitroaniline	5.4		ug/L	U	YES																
4-Nitrophenol	22		ug/L	U	YES																
Acenaphthene	2.2		ug/L	U	YES																
Acenaphthylene	2.2		ug/L	U	YES																
Acetophenone	5.4		ug/L	U	YES																
Anthracene	2.2		ug/L	U	YES																
Atrazine	5.4		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-FIELDDUP3

**Lab Report Batch :** N74914

**Lab ID :** ACTD

**Sample Date :** 08/12/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74914-15

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8270C</b>						<b>Dilution: 1.00</b>															
Benzaldehyde	5.4		ug/L	U	YES																
Benzo(a)anthracene	2.2		ug/L	U	YES																
Benzo(a)pyrene	2.2		ug/L	U	YES																
Benzo(b)fluoranthene	2.2		ug/L	U	YES																
Benzo(g,h,i)perylene	2.2		ug/L	U	YES																
Benzo(k)fluoranthene	2.2		ug/L	U	YES																
BIPHENYL	2.2		ug/L	U	YES																
bis(2-Chloroethoxy)methane	2.2		ug/L	U	YES																
Bis(2-chloroethyl) ether	2.2		ug/L	U	YES																
Bis(2-chloroisopropyl) ether	2.2		ug/L	U	YES																
Bis(2-ethylhexyl) phthalate	2.2		ug/L	U	YES																
Butylbenzyl phthalate	2.2		ug/L	U	YES																
Caprolactam	2.2		ug/L	U	YES																
Carbazole	2.2		ug/L	U	YES																
Chrysene	2.2		ug/L	U	YES																
Dibenz(a,h)anthracene	2.2		ug/L	U	YES																
Dibenzofuran	5.4		ug/L	U	YES																
Diethyl phthalate	2.2		ug/L	U	YES																
Dimethyl phthalate	2.2		ug/L	U	YES																
Di-n-butyl phthalate	2.2		ug/L	U	YES																
Di-n-octyl phthalate	2.2		ug/L	U	YES																
Fluoranthene	2.2		ug/L	U	YES																
Fluorene	2.2		ug/L	U	YES																
Hexachlorobenzene	2.2		ug/L	U	YES																
Hexachlorobutadiene	2.2		ug/L	U	YES																
Hexachlorocyclopentadiene	22		ug/L	U	YES																
Hexachloroethane	5.4		ug/L	U	YES																
Indeno(1,2,3-cd)pyrene	2.2		ug/L	U	YES																
Isophorone	2.2		ug/L	U	YES																

**Project Number and Name:** ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-FIELDDUP3

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-15

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8270C						Dilution: 1.00															
Naphthalene	2.2		ug/L	U	YES																
Nitrobenzene	2.2		ug/L	U	YES																
N-Nitroso-di-n-propylamine	2.2		ug/L	U	YES																
N-Nitrosodiphenylamine	5.4		ug/L	U	YES																
Phenanthrene	2.2		ug/L	U	YES																
Phenol	5.4		ug/L	U	YES																
Pyrene	2.2		ug/L	U	YES																
Analysis Method : 9012A						Dilution: 1.00															
Cyanide	0.01		mg/l	U	YES																



# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-FIELDDUP3

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/12/2004

Analysis Type: RES/DIS

Sample Matrix : AQ

Lab Sample ID: N74914-15F

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B						Dilution: 1.00															
Aluminum	200		ug/L	U	YES																
Antimony	5		ug/L	U	YES																
Arsenic	5		ug/L	U	YES																
Barium	14.7		ug/L	B	YES	J								J							12
Cadmium	4		ug/L	U	YES																
Calcium	6770		ug/L		YES																
Chromium	10		ug/L	U	YES																
Cobalt	50		ug/L	U	YES																
Copper	63.5		ug/L		YES																
Iron	100		ug/L	U	YES																
Lead	3.4		ug/L		YES																
Magnesium	1760		ug/L	B	YES	J								J							12
Manganese	15		ug/L	U	YES																
Nickel	40		ug/L	U	YES																
Potassium	5000		ug/L	U	YES																
Selenium	5		ug/L	U	YES																
Silver	10		ug/L	U	YES																
Sodium	8910		ug/L		YES																
Vanadium	50		ug/L	U	YES																
Zinc	79.5		ug/L		YES																
Analysis Method : 6020						Dilution: 2.00															
Beryllium	2		ug/L	U	YES																
Thallium	1		ug/L	U	YES																
Analysis Method : 7470A						Dilution: 1.00															
Mercury	0.2		ug/L	U	YES																

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-HESTERFARM

Sample Date : 08/11/2004

Lab Sample ID: N74914-2

Lab Report Batch : N74914

Analysis Type: RE

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B				Dilution: 1.00																	
Aluminum	200		ug/L	U	YES																
Arsenic	5		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-HESTERFARM

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-2

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B				Dilution: 1.00																	
Antimony	5		ug/L	U	YES																
Barium	24.1		ug/L	B	YES	J								J							12
Cadmium	4		ug/L	U	YES																
Calcium	36700		ug/L		YES																
Chromium	10		ug/L	U	YES																
Cobalt	50		ug/L	U	YES																
Copper	6.7		ug/L	B	YES	J								J							12
Iron	1280		ug/L		YES																
Lead	3.4		ug/L		YES	U			U												6
Magnesium	7000		ug/L		YES																
Manganese	540		ug/L		YES																
Nickel	40		ug/L	U	YES																
Potassium	2770		ug/L	B	YES	J								J							12
Selenium	5		ug/L	U	YES																
Silver	10		ug/L	U	YES																
Sodium	11000		ug/L		YES																
Vanadium	50		ug/L	U	YES																
Zinc	28.4		ug/L		YES																
Analysis Method : 6020				Dilution: 2.00																	
Beryllium	2		ug/L	U	YES																
Thallium	0.84		ug/L	B	YES	UJ			U					J							12,6
Analysis Method : 7470A				Dilution: 1.00																	
Mercury	0.2		ug/L	U	YES																
Analysis Method : 8081A				Dilution: 1.00																	
4,4'-DDD	0.02		ug/L	U	YES																
4,4'-DDE	0.02		ug/L	U	YES																
4,4'-DDT	0.02		ug/L	U	YES																
Aldrin	0.02		ug/L	U	YES																
alpha-BHC	0.02		ug/L	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-HESTERFARM

**Lab Report Batch :** N74914

**Lab ID :** ACTD

**Sample Date :** 08/11/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74914-2

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8081A</b>						<b>Dilution: 1.00</b>															
alpha-Chlordane	0.02		ug/L	U	YES																
beta-BHC	0.02		ug/L	U	YES																
delta-BHC	0.02		ug/L	U	YES																
Dieldrin	0.02		ug/L	U	YES																
Endosulfan I	0.02		ug/L	U	YES																
Endosulfan II	0.02		ug/L	U	YES																
Endosulfan sulfate	0.02		ug/L	U	YES																
Endrin	0.02		ug/L	U	YES																
Endrin aldehyde	0.02		ug/L	U	YES																
Endrin ketone	0.051		ug/L	U	YES																
gamma-BHC	0.02		ug/L	U	YES																
gamma-Chlordane	0.02		ug/L	U	YES																
Heptachlor	0.02		ug/L	U	YES																
Heptachlor epoxide	0.02		ug/L	U	YES																
Methoxychlor	0.051		ug/L	U	YES																
Toxaphene	0.26		ug/L	U	YES																
<b>Analysis Method : 8082</b>						<b>Dilution: 1.00</b>															
Aroclor 1016	0.51		ug/L	U	YES																
Aroclor 1221	0.51		ug/L	U	YES																
Aroclor 1232	0.51		ug/L	U	YES																
Aroclor 1242	0.51		ug/L	U	YES																
Aroclor 1248	0.51		ug/L	U	YES																
Aroclor 1254	0.51		ug/L	U	YES																
Aroclor 1260	0.51		ug/L	U	YES																
Aroclor 1262	0.51		ug/L	U	YES																
Aroclor 1268	0.51		ug/L	U	YES																
<b>Analysis Method : 8151A</b>						<b>Dilution: 1.00</b>															
2,4,5-T	0.24		ug/L	U	YES																
2,4,5-TP (Silvex)	0.18		ug/L	U	YES																

**Project Number and Name:** ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** FormerCampButner - Sep03

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-HESTERFARM

Sample Date : 08/11/2004

Lab Sample ID: N74914-2

Lab Report Batch : N74914

Analysis Type: RES

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8151A					Dilution: 1.00																
2,4-D	0.6		ug/L	U	YES																
Pentachlorophenol	0.18		ug/L	U	YES																
Analysis Method : 8260B					Dilution: 1.00																
1,1,1-Trichloroethane	1		ug/L	U	YES																
1,1,1,2-Tetrachloroethane	1		ug/L	U	YES																
1,1,1,2-Trichloroethane	1		ug/L	U	YES																
1,1-Dichloroethane	1		ug/L	U	YES																
1,1-Dichloroethene	1		ug/L	U	YES																
1,2,3-Trichlorobenzene	5		ug/L	U	YES																
1,2,4-Trichlorobenzene	5		ug/L	U	YES																
1,2-Dibromo-3-chloropropane	10		ug/L	U	YES																
1,2-Dibromoethane	2		ug/L	U	YES																
1,2-Dichlorobenzene	1		ug/L	U	YES																
1,2-Dichloroethane	1		ug/L	U	YES																
1,2-Dichloropropane	1		ug/L	U	YES																
1,3-Dichlorobenzene	1		ug/L	U	YES																
1,4-Dichlorobenzene	1		ug/L	U	YES																
2-Butanone	10		ug/L	U	YES																
2-Hexanone	5		ug/L	U	YES																
4-METHYL-2-PENTANONE	5		ug/L	U	YES																
Acetone	10		ug/L	U	YES																
Benzene	1		ug/L	U	YES																
Bromochloromethane	5		ug/L	U	YES																
Bromodichloromethane	1		ug/L	U	YES																
Bromoform	4		ug/L	U	YES																
Bromomethane	2		ug/L	U	YES																
Carbon disulfide	2		ug/L	U	YES																
Carbon tetrachloride	1		ug/L	U	YES																
Chlorobenzene	1		ug/L	U	YES																

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-HESTERFARM

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-2

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8260B				Dilution: 1.00																	
Chloroethane	1		ug/L	U	YES																
Chloroform	1		ug/L	U	YES																
Chloromethane	1		ug/L	U	YES																
cis-1,2-Dichloroethene	1		ug/L	U	YES																
cis-1,3-Dichloropropene	1		ug/L	U	YES																
Cyclohexane	5		ug/L	U	YES																
Dibromochloromethane	1		ug/L	U	YES																
Dichlorodifluoromethane	5		ug/L	U	YES																
Ethylbenzene	1		ug/L	U	YES																
Freon 113	5		ug/L	U	YES																
Isopropylbenzene	2		ug/L	U	YES																
M,P-XYLENE	1		ug/L	U	YES																
Methyl Acetate	5		ug/L	U	YES																
Methyl tert-butyl ether	1		ug/L	U	YES																
Methylcyclohexane	5		ug/L	U	YES																
Methylene chloride	2		ug/L	U	YES																
o-Xylene	1		ug/L	U	YES																
Styrene	5		ug/L	U	YES																
Tetrachloroethene	1		ug/L	U	YES																
Toluene	1		ug/L	U	YES																
Total Xylenes	1		ug/L	U	YES																
trans-1,2-Dichloroethene	1		ug/L	U	YES																
trans-1,3-Dichloropropene	1		ug/L	U	YES																
Trichloroethene	1		ug/L	U	YES																
Trichlorofluoromethane	5		ug/L	U	YES																
Vinyl chloride	1		ug/L	U	YES																
Analysis Method : 8270C				Dilution: 1.00																	
1,2,4,5-Tetrachlorobenzene	5.1		ug/L	U	YES																
1,4-Dioxane	2		ug/L	U	YES																

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-HESTERFARM

Sample Date : 08/11/2004

Lab Sample ID: N74914-2

Lab Report Batch : N74914

Analysis Type: RES

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8270C						Dilution: 1.00															
2,3,4,6-Tetrachlorophenol	5.1		ug/L	U	YES																
2,4,5-Trichlorophenol	5.1		ug/L	U	YES																
2,4,6-Trichlorophenol	5.1		ug/L	U	YES																
2,4-Dichlorophenol	5.1		ug/L	U	YES																
2,4-Dimethylphenol	5.1		ug/L	U	YES																
2,4-Dinitrophenol	20		ug/L	U	YES																
2,4-Dinitrotoluene	2		ug/L	U	YES																
2,6-Dinitrotoluene	2		ug/L	U	YES																
2-Chloronaphthalene	5.1		ug/L	U	YES																
2-Chlorophenol	5.1		ug/L	U	YES																
2-Methyl-4,6-dinitrophenol	20		ug/L	U	YES																
2-Methylnaphthalene	2		ug/L	U	YES																
2-Methylphenol	5.1		ug/L	U	YES																
2-Nitroaniline	5.1		ug/L	U	YES																
2-Nitrophenol	5.1		ug/L	U	YES																
3&4-Methylphenol	5.1		ug/L	U	YES																
3,3'-Dichlorobenzidine	5.1		ug/L	U	YES																
3-Nitroaniline	5.1		ug/L	U	YES																
4-Bromophenyl phenyl ether	2		ug/L	U	YES																
4-Chloro-3-methylphenol	5.1		ug/L	U	YES																
4-Chloroaniline	5.1		ug/L	U	YES																
4-Chlorophenyl phenyl ether	2		ug/L	U	YES																
4-Nitroaniline	5.1		ug/L	U	YES																
4-Nitrophenol	20		ug/L	U	YES																
Acenaphthene	2		ug/L	U	YES																
Acenaphthylene	2		ug/L	U	YES																
Acetophenone	5.1		ug/L	U	YES																
Anthracene	2		ug/L	U	YES																
Atrazine	5.1		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

**Client Sample ID :** RW0804-HESTERFARM

**Lab Report Batch :** N74914

**Lab ID :** ACTD

**Sample Date :** 08/11/2004

**Analysis Type:** RES

**Sample Matrix :** AQ

**Lab Sample ID:** N74914-2

**Reviewed By / Date :** .....

**Approved By / Date :** .....

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
<b>Analysis Method : 8270C</b>			<b>Dilution: 1.00</b>																		
Benzaldehyde	5.1		ug/L	U	YES																
Benzo(a)anthracene	2		ug/L	U	YES																
Benzo(a)pyrene	2		ug/L	U	YES																
Benzo(b)fluoranthene	2		ug/L	U	YES																
Benzo(g,h,i)perylene	2		ug/L	U	YES																
Benzo(k)fluoranthene	2		ug/L	U	YES																
BIPHENYL	2		ug/L	U	YES																
bis(2-Chloroethoxy)methane	2		ug/L	U	YES																
Bis(2-chloroethyl) ether	2		ug/L	U	YES																
Bis(2-chloroisopropyl) ether	2		ug/L	U	YES																
Bis(2-ethylhexyl) phthalate	2		ug/L	U	YES																
Butylbenzyl phthalate	2		ug/L	U	YES																
Caprolactam	2		ug/L	U	YES																
Carbazole	2		ug/L	U	YES																
Chrysene	2		ug/L	U	YES																
Dibenz(a,h)anthracene	2		ug/L	U	YES																
Dibenzofuran	5.1		ug/L	U	YES																
Diethyl phthalate	2		ug/L	U	YES																
Dimethyl phthalate	2		ug/L	U	YES																
Di-n-butyl phthalate	2		ug/L	U	YES																
Di-n-octyl phthalate	2		ug/L	U	YES																
Fluoranthene	2		ug/L	U	YES																
Fluorene	2		ug/L	U	YES																
Hexachlorobenzene	2		ug/L	U	YES																
Hexachlorobutadiene	2		ug/L	U	YES																
Hexachlorocyclopentadiene	20		ug/L	U	YES																
Hexachloroethane	5.1		ug/L	U	YES																
Indeno(1,2,3-cd)pyrene	2		ug/L	U	YES																
Isophorone	2		ug/L	U	YES																

**Project Number and Name:** ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** FormerCampButner - Sep03

ADR 6.1

Report Date: 9/29/2004 08:46

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\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data review



Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-HESTERFARM

Sample Date : 08/11/2004

Lab Sample ID: N74914-2

Lab Report Batch : N74914

Analysis Type: RES

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8270C						Dilution: 1.00															
Naphthalene	2		ug/L	U	YES																
Nitrobenzene	2		ug/L	U	YES																
N-Nitroso-di-n-propylamine	2		ug/L	U	YES																
N-Nitrosodiphenylamine	5.1		ug/L	U	YES																
Phenanthrene	2		ug/L	U	YES																
Phenol	5.1		ug/L	U	YES																
Pyrene	2		ug/L	U	YES																
Analysis Method : 9012A						Dilution: 1.00															
Cyanide	0.01		mg/l	U	YES																

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-HESTERFARM

Sample Date : 08/11/2004

Lab Sample ID: N74914-2F

Lab Report Batch : N74914

Analysis Type: RE/DIS

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B				Dilution: 1.00																	
Aluminum	200		ug/L	U	YES																
Arsenic	5		ug/L	U	YES																

# Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : RW0804-HESTERFARM

Lab Report Batch : N74914

Lab ID : ACTD

Sample Date : 08/11/2004

Analysis Type: RES/DIS

Sample Matrix : AQ

Lab Sample ID: N74914-2F

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B				Dilution: 1.00																	
Antimony	5		ug/L	U	YES																
Barium	22.9		ug/L	B	YES	J								J							12
Cadmium	4		ug/L	U	YES																
Calcium	37000		ug/L		YES																
Chromium	10		ug/L	U	YES																
Cobalt	50		ug/L	U	YES																
Copper	25		ug/L	U	YES																
Iron	266		ug/L		YES																
Lead	3		ug/L	U	YES																
Magnesium	7090		ug/L		YES																
Manganese	543		ug/L		YES																
Nickel	40		ug/L	U	YES																
Potassium	2890		ug/L	B	YES	J								J							12
Selenium	5		ug/L	U	YES																
Silver	10		ug/L	U	YES																
Sodium	11200		ug/L		YES																
Vanadium	50		ug/L	U	YES																
Zinc	34.1		ug/L		YES																
Analysis Method : 6020				Dilution: 2.00																	
Beryllium	2		ug/L	U	YES																
Thallium	1		ug/L	U	YES																
Analysis Method : 7470A				Dilution: 1.00																	
Mercury	0.12		ug/L	B	YES	J								J							12

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : TB  
Sample Date : 08/11/2004  
Lab Sample ID: N74914-8

Lab Report Batch : N74914  
Analysis Type: RES

Lab ID : ACTD  
Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8260B						Dilution: 1.00															
1,1,1-Trichloroethane	1		ug/L	U	YES																
1,1,2,2-Tetrachloroethane	1		ug/L	U	YES																
1,1,2-Trichloroethane	1		ug/L	U	YES																
1,1-Dichloroethane	1		ug/L	U	YES																
1,1-Dichloroethene	1		ug/L	U	YES																
1,2,3-Trichlorobenzene	5		ug/L	U	YES																
1,2,4-Trichlorobenzene	5		ug/L	U	YES																
1,2-Dibromo-3-chloropropane	10		ug/L	U	YES																
1,2-Dibromoethane	2		ug/L	U	YES																
1,2-Dichlorobenzene	1		ug/L	U	YES																
1,2-Dichloroethane	1		ug/L	U	YES																
1,2-Dichloropropane	1		ug/L	U	YES																
1,3-Dichlorobenzene	1		ug/L	U	YES																
1,4-Dichlorobenzene	1		ug/L	U	YES																
2-Butanone	10		ug/L	U	YES																
2-Hexanone	5		ug/L	U	YES																
4-METHYL-2-PENTANONE	5		ug/L	U	YES																
Acetone	10		ug/L	U	YES																
Benzene	1		ug/L	U	YES																
Bromochloromethane	5		ug/L	U	YES																
Bromodichloromethane	1		ug/L	U	YES																
Bromoform	4		ug/L	U	YES																
Bromomethane	2		ug/L	U	YES																
Carbon disulfide	2		ug/L	U	YES																
Carbon tetrachloride	1		ug/L	U	YES																
Chlorobenzene	1		ug/L	U	YES																
Chloroethane	1		ug/L	U	YES																
Chloroform	1		ug/L	U	YES																
Chloromethane	1		ug/L	U	YES																

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : TB

Sample Date : 08/11/2004

Lab Sample ID: N74914-8

Lab Report Batch : N74914

Analysis Type: RES

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8260B			Dilution: 1.00																		
cis-1,2-Dichloroethene	1		ug/L	U	YES																
cis-1,3-Dichloropropene	1		ug/L	U	YES																
Cyclohexane	5		ug/L	U	YES																
Dibromochloromethane	1		ug/L	U	YES																
Dichlorodifluoromethane	5		ug/L	U	YES																
Ethylbenzene	1		ug/L	U	YES																
Freon 113	5		ug/L	U	YES																
Isopropylbenzene	2		ug/L	U	YES																
M,P-XYLENE	1		ug/L	U	YES																
Methyl Acetate	5		ug/L	U	YES																
Methyl tert-butyl ether	1		ug/L	U	YES																
Methylcyclohexane	5		ug/L	U	YES																
Methylene chloride	2		ug/L	U	YES																
o-Xylene	1		ug/L	U	YES																
Styrene	5		ug/L	U	YES																
Tetrachloroethene	1		ug/L	U	YES																
Toluene	1		ug/L	U	YES																
Total Xylenes	1		ug/L	U	YES																
trans-1,2-Dichloroethene	1		ug/L	U	YES																
trans-1,3-Dichloropropene	1		ug/L	U	YES																
Trichloroethene	1		ug/L	U	YES																
Trichlorofluoromethane	5		ug/L	U	YES																
Vinyl chloride	1		ug/L	U	YES																

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : TRIP BLANK

Sample Date : 08/12/2004

Lab Sample ID: N74914-16

Lab Report Batch : N74914

Analysis Type: RES

Lab ID : ACTD

Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8260B				Dilution: 1.00																	
1,1,1-Trichloroethane	1		ug/L	U	YES																
1,1,2,2-Tetrachloroethane	1		ug/L	U	YES																
1,1,2-Trichloroethane	1		ug/L	U	YES																
1,1-Dichloroethane	1		ug/L	U	YES																
1,1-Dichloroethene	1		ug/L	U	YES																
1,2,3-Trichlorobenzene	5		ug/L	U	YES																
1,2,4-Trichlorobenzene	5		ug/L	U	YES																
1,2-Dibromo-3-chloropropane	10		ug/L	U	YES																
1,2-Dibromoethane	2		ug/L	U	YES																
1,2-Dichlorobenzene	1		ug/L	U	YES																
1,2-Dichloroethane	1		ug/L	U	YES																
1,2-Dichloropropane	1		ug/L	U	YES																
1,3-Dichlorobenzene	1		ug/L	U	YES																
1,4-Dichlorobenzene	1		ug/L	U	YES																
2-Butanone	10		ug/L	U	YES																
2-Hexanone	5		ug/L	U	YES																
4-METHYL-2-PENTANONE	5		ug/L	U	YES																
Acetone	10		ug/L	U	YES																
Benzene	1		ug/L	U	YES																
Bromochloromethane	5		ug/L	U	YES																
Bromodichloromethane	1		ug/L	U	YES																
Bromoform	4		ug/L	U	YES																
Bromomethane	2		ug/L	U	YES																
Carbon disulfide	2		ug/L	U	YES																
Carbon tetrachloride	1		ug/L	U	YES																
Chlorobenzene	1		ug/L	U	YES																
Chloroethane	1		ug/L	U	YES																
Chloroform	1		ug/L	U	YES																
Chloromethane	1		ug/L	U	YES																

Sample Qualification Report with Reason Codes (All Results sorted by Client Sample ID)

Client Sample ID : TRIP BLANK  
Sample Date : 08/12/2004  
Lab Sample ID: N74914-16

Lab Report Batch : N74914  
Analysis Type: RES

Lab ID : ACTD  
Sample Matrix : AQ

Reviewed By / Date : \_\_\_\_\_

Approved By / Date : \_\_\_\_\_

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	HT	MB	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8260B				Dilution: 1.00																	
cis-1,2-Dichloroethene	1		ug/L	U	YES																
cis-1,3-Dichloropropene	1		ug/L	U	YES																
Cyclohexane	5		ug/L	U	YES																
Dibromochloromethane	1		ug/L	U	YES																
Dichlorodifluoromethane	5		ug/L	U	YES																
Ethylbenzene	1		ug/L	U	YES																
Freon 113	5		ug/L	U	YES																
Isopropylbenzene	2		ug/L	U	YES																
M,P-XYLENE	1		ug/L	U	YES																
Methyl Acetate	5		ug/L	U	YES																
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Trichlorofluoromethane	5		ug/L	U	YES																
Vinyl chloride	1		ug/L	U	YES																